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Shaffer, B.

1976

catalogue

#1-#588

B. Shaffer
1976

Catalogue

Pine Forest, 9.5 km. W. church at (via Mex. Hwy 150) at Rio Frio, State of Mexico, Mexico.

29 Jan.

1. Parvamolge (?) ♀ broken tail.
2. Barisia ♀ broken tail.
3. Barisia
4. Sceloporus
5. "
6. "
7. "
8. "

Aveneda 1 Poniente, 1.1 km. W. Fortin Town Square, Veracruz, Mexico. el. 1000 m.

30 Jan.

9. Snake ?
10. "
11. "
12. Bolitoglossa platydactyla
13. Sceloporus
14. Eleutherodactylus

Casa de Victor Ceron, W. Cuatlapan on Cerro Chicahuaxtla, Veracruz, Mexico.

15. B. rufescens
16. "
17. "

B. Shaffer.

1976

Catalogue

Casa de Victor Ceron, W. Cuatlapan, on Cerro Chicahuaxtla, Veracruz, Mexico.

30 Jan. 18. Lineatriton (broken tail)

19. "

20. "

21. "

22. Thorius

23. "

Summit forest, Cerro Chicahuaxtla, Cuatlapan, Veracruz, Mexico.

31 ~~30~~ Jan. 24. Thorius (?) maybe Pseudoeurycea

25. Thorius

Banana + coffee fields, west Cuatlapun, Veracruz, Mexico.

21 Jan. 26. Lineatriton

27. Bolitoglossa rufescens

28. "

29. "

30. "

Clearing ~ 12 km. E. San Felipe, on dirt road to Mico Ondas, Puebla, Mexico

1 Feb. 31. Pseudoeurycea

32. Thorius

33. "

34. "

35. "

36. "

B. Shaffer

1976.

Catalogue

Clearing, ~ 12 km. E. San Felipe, on dirt road to Micro Ondas, Puebla, Mexico.

1 Feb. 37. Thorius

38. "

39. "

40. "

41. "

42. "

43. "

44. "

45. "

46. "

47. "

48. "

Road Bank, ~ 10 km. E. San Felipe, on dirt road to Micro Ondas, Puebla, Mexico.

1 Feb. 49. Thorius

50. "

51. "

52. "

53. "

54. "

55. "

Forest along dirt road, 3.2 km. S. mex. Hwy. 150 at ~~Puerto del Aire~~, Puerto del Aire, Veracruz, Mexico.

1 Feb. 56. Abronia

57. Thorius

B. Shaffer

1976

Catalogue

Forest along dirt road, 3.2 km. S. of Mex. Hwy 150 out of Puerto del Aire, Veracruz, Mexico.

1 Feb.

58. Thorius
59. "
60. "
61. "
62. "
63. "
64. "
65. "
66. "
67. "

Pine-Oak forest, 1.5 km. W. by road Texmola, on S.W. slope cerro Orizaba, Veracruz, Mexico.

2 Feb.

68. Thorius
69. "
70. "
71. "
72. "
73. "
74. "
75. "
76. "
77. "
78. "
79. Pseudoeurycea (Small)

B. Shaffer

1976

Catalogue

Canyon, ~ 1 km. S.E. El Berro, less than 15 Km. S.W (by air) Pico de Orizaba, Veracruz, Mexico.

2 Feb.

80. Pseudoeurycea

81. Thorius

82. "

83. "

84. "

85. "

86. "

87. "

88. "

89. "

90. "

91. "

92. "

93. "

94. "

95. "

96. "

97. "

98. Scelopous

99. "

100. Hyla

101. "

102. "

103. "

104. "

B. Shaffer

1976

Catalogue

Canyon, ~ 1 km. S.E. El Berro, less than 15 km. (by air) S.W. Pico de Orizaba, Veracruz, Mexico.

2 Feb. 106. Hyla.

107. "

108. "

109. "

110. "

111. "

112. "

113. "

114. "

115. "

116. "

117. "

118. "

119. "

Aveneda 1 Pointe, 1.1 km. W. Fortin Town Square, Veracruz, Mexico.

3 Feb. 120. Eleutherodactylus

121. ~~Lineatril~~ Bufo

122. Lineatriton

123. Snake

124. "

a. 125. " b. 125 - Snake.

Vacant lot opposite Las Palmas hotel, 4.1 km. east Fortin by Mex Hwy 150.

3 Feb. 126. Frog.

B. Shaffer

1976.

Catalogue

Mountain, ~2 km. N.E. Catamarca town square, Veracruz, Mexico.

4 Feb. 127. Frog.

.7 km. N.E. Catamarca town square, Veracruz, Mexico

4 Feb. 128. Bufo marinus

129. "

130. Bolitoglossa

S.W. slopes volcan San Martin, along trail from San Andreas Tuxtla, Veracruz, Mexico.

5 Feb. 131. Pseudoeurycea welleri.

132. "

133. "

134. "

135. "

136. "

137. "

138. "

139. "

140. Thorius pennatulus

141. "

142. "

143. "

144. "

146. "

147. Eleutherodactylus

148. "

149. "

B. Stauffer.

1473

Catalogue

S.W. slopes volcan San Martin along trail from San Andreas Tuxtla, Veracruz, Mexico.

5. Feb. 150 · Eleutherodactylus.

151. "

152. "

153. "

154. "

155. "

156. "

157. "

158. "

159. Eleutherodactylus (w bright midland stripe).

160. Ameiva

161. Geophis (?)

162. Snake.

0.5 km. S. Vista Hermosa, along Mex. Hwy. 175, Est. Oaxaca, Mexico. el. 1530 m.

7 Feb. 163. Chiropterotriton

164. "

165. Thorius

~~166. Eleuth~~

22.4 km. S. of Vista Hermosa, along Mex. Hwy. 175, Est. Oaxaca, Mexico. el. 2300 m.

7. Feb. 166. Hyla

167. "

B. Shaffer

1976

Catalogue

Vista Hermosa, along Mex. Hwy. 175. Est. Oaxaca, Mexico. 1560 m. E.l.

8 Feb. 168. Pseudoeurycea

169. Hyla

2.9 km. S. Vista Hermosa, along Mex. Hwy-175, Est. Oaxaca, Mexico. el. 1760-1780 m.

8 Feb. 170. Chiropterotriton

171. "

172 "

173. "

174. "

175 "

176. "

~~177~~. "

forest below bus stop, 65 km. N. Guelatao, Est. Oaxaca, Mexico. el. ~~2170~~ m. 2170 m.

8 Feb. 177. Thorius under logs

178. " "

179. Chiropterotriton

180. "

181. "

182. "

183. "

clearing by house · chapel, 59.5 km. N. Guelatao along Mex. Hwy. 175. Est. Oaxaca, Mexico. el. 2300 m.

8 Feb. 184. Exerodonta under shingles, on ground, clear sunny day

185. frog. on road, at night

B. Shaffer

1976

Catalogue

53.8 km. N. Guelatao along Mex. Hwy. 175, Est. Oaxaca, Mexico. el. 2510 m.

8 Feb.

186. Thorius — under cement pole

187. frog. — lepto. ♀ mottled back pattern

188. " — "

189. " — lepto. reddish color & light Δ on head

190. " — "

191. " — "

192. " — "

193. Barisia

52. Km. N. of Guelatao along Mex. Hwy. 175 Est. Oaxaca, Mexico. el. 2600 m.

8 Feb.

194. Pseudoeurycea "lumpy" all on road

195. " " cut at night.

196. " "

197. " "

198. " "

199. Plectrohyla

Abandoned house, 18 km. N. Guelatao, along Mex. Hwy. 175. Est. Oaxaca. Mexico. el. 2790. m.

9. Feb.

200. Thorius

201. "

202. "

203. "

204 "

205 "

206. "

B. Shaffer

1976

Catalogue

Abandoned house, 18 km. N. Guelatao, by Mex. Hwy 175, Est. Oaxaca, Mexico. el. 2740 m.

9 Feb. 207. Thorius.

208 "

209. "

210. "

211. "

212. "

213. "

214. "

215. "

216. "

217. "

218. "

219. "

220. "

221. "

222. "

223. "

224. "

225. Sceloporus

226. "

Llano de las Flores, 26 km. N. of Guelatao along Mex Hwy 175, Est. Oaxaca, Mexico. el. 2950 m.

9 Feb. 227. Thorius

228. "

229. "

B. Shaffer

1976.

Catalogue

Llano de las Floras, 26 km. W. of Guelatao, along Mex. Hwy. 175, Est. Oaxaca, Mexico. el. 2950 m.

9 Feb. 230. Thorius.

231. "

232. "

233. "

234. "

235. "

236. "

237. "

238. "

239. "

240. "

241. "

242. "

243. "

244. "

245. "

246. "

247. "

248. "

249. "

250. "

251. "

252. "

253. "

254. "

B. Shaffer

1476

Catalogue

Llano de las Floras, 26 km. N. via Mex. Hwy 175. of Guelatao, Est. Oaxaca, Mexico. El. 2950 m.

9 Feb. 255. Thorius

256. "

257. "

258. "

259. "

260. "

261. "

262. "

263. "

264. "

265. "

266. "

33 km. N. of Guelatao along Mex. Hwy. 175, Est. Oaxaca, Mexico. el. 2980. m.

10 Feb. 267. Thorius

268. "

269. "

270. "

271. "

272. "

273. "

274. "

275. "

276. "

277. "

B. Shaffer.

1976

Catalogue

33. km. N. of Guelatao along Mex. Hwy. 175.
Est. Oaxaca, Mexico. el. 2480 m.

10 Feb. 278. Thorius

279. "

280. "

281. Thamnophis

37. km. N. of Guelatao along Mex. Hwy. 175,
Est. Oaxaca, Mexico. el. 2905 m.

10 Feb. ~~28~~ nothing for me - on saddle of mtn. top.

0.6 km. E. of Machin, on logging rd. off of.
Mex. Hwy. 175 Est. Oaxaca, Mex el. 2850.

10 Feb. 282. Thorius on ground, under bark

283. " " " "

284. " " " "

285. " " " "

~~28~~ 286. " " " "

287. " " " "

288. " " " !

289. " in fallen bromeliad.

1.0 km. E. of Cerro Pelon where Mex. Hwy. 175
crosses top. Est. Oaxaca, Mexico. el. 2930.

10 Feb. ~~28~~ 290. Thorius all under bark of 1 log.

291. " "

292. " "

293. " "

294. " "

295. Sceloporus

B. Shaffer

1976

Catalogue

52 km. N. of Guelatao, along Mex. Hwy. 175, Est. Oaxaca, Mexico. el. 2630 m.

10 Feb. 296. Thorius

Cerro San Felipe: 4 km. W. La Cumbre, along dirt road from ~~me~~ Mex. Hwy 175, Est. Oaxaca, Mexico. el. 3050 m.

12 Feb. 297. Thorius

298. "

299. "

300. Pseudoeurycea smithii

301. "

Cerro San Felipe, 9 km. W. La Cumbre along dirt road. from Mex Hwy. 175, Est. Oaxaca Mexico el. 3080 m.

12 Feb. 302. Thorius

303. "

304. "

305. "

306. "

307. Pseudoeurycea smithii

308. "

Cerro San Felipe, 12.4 km. W. La Cumbre, along dirt road from Mex. Hwy 175, Est. Oaxaca, Mexico el. 3190 m.

12 Feb. 309. Thorius

310. "

311. "

B. Shaffer.

1976.

Catalogue

Cerro San Felipe, 12.4 km. W. la Cumbre, along dirt road from Mex. Hwy. 175, Est. Oaxaca, Mexico. el. 3190.

12. Feb. 312. Thorius

313. "

314. "

315. "

316. "

317. "

318. "

319. "

320. "

321. "

322. "

323. "

324. "

325. Pseudoeurycea Smithii

326. "

327. "

328. "

329. "

330. "

331. "

332. "

333. "

334. "

335. "

336. "

B. Shaffer
1976.

Catalogue

Cerro San Felipe, 12.4 km. W. La Cumbre, along dirt road from Mex. Hwy. 175, Est. Oaxaca, Mexico. el. 3140 m.

12 Feb. 337. Pseudocerycea smithii

338. "

339. "

340. "

341. "

Cerro San Felipe, 15 km. W. of La Cumbre, along dirt road from Mex. Hwy 175, Est. Oaxaca, Mexico. el. 3185 m.

12 Feb. 342. Tharius

343. "

344. "

345. "

346. "

347. "

348. "

349. "

350. "

351. "

352. "

353. "

354 "

355. "

356. "

357. "

358. "

B. Stoffer

1976.

Catalogue

Cerro San Felipe, 15 km. w. La Cumbre, along dirt road from Mex. Hwy. 175 · est. Oaxaca, Mexico. el. 3190 m

12 Feb. 359. Thorius

360. Pseudoeurycea smithii.

361. "

362. "

363. "

364. "

365. "

366. "

367. "

368. "

369. "

370. "

371. "

372. "

373. "

374. "

375. "

376. "

377. "

378. "

379. "

380. "

381. "

382. "

383. "

B. Shaffer

1976.

Catalogue

Cerro San Felipe, 15 km. W. La Cumbre, along dirt road from Mex. Hwy. 175. Est. Oaxaca, Mexico. el. 3190 m.

12 Feb. 384. Pseudoeurycea smithii

385. "

386. "

387. Barisia

388. Sceloporus

389. Thamnophis

19 km. S. of Sola de Vega along Mex. Hwy. 131, Est. Oaxaca, Mexico. el. 2255 m.

13 Feb. 390. Eumeces — have color notes.

River at Sola de Vega along Mex. Hwy. 131, Estate Oaxaca, Mexico. el. 1530 m.

13 Feb. 391. tadpoles — frozen - 25 count

392. " — formalin. 23 ".

4 1/2 km. N.E. Cuajimoloyas by road, Est. Oaxaca, Mexico. el. 3170 m.

14 Feb. 393. Thorius

394. "

395. "

396. "

397. "

398. "

399. "

B. Shaffer.

1976.

Catalogue

4 km. N. Cuajimoloyas by road. Est.
Oaxaca, Mexico. el. 3170 m.

14 Feb. 400. Thorius

401. "

402. "

403. "

404. "

405. "

406. "

407. "

408. "

409. "

410. "

411. "

412. "

413. "

414. "

415. "

416. "

417. "

418. "

419. "

420. "

421 "

422 "

423. "

424. "

B. Shaffer

1976.

Catalogue

7 km. N. Cuajimolayas by Road,
Est. Oaxaca, Mexico. el. 3140m.

14 Feb. 425. Thorius

426. "

427. "

428. "

429. "

430. "

431. "

432. "

433. "

434. "

435. "

436. "

437. "

438. "

439. "

440. "

441. "

442. "

443. "

444. "

445. "

446 "

447. "

D. Shaffer

1971.

Catalogue

8 Km. W.E. (by road) of Santos Reyes Papalo, Est. Oaxaca, Mexico. el. 2670 m.

15 Feb. 448. Thorius

449. "

450. "

451. "

452. "

453. "

454. "

455. "

456. "

457. "

458. "

459. "

460. "

461. "

462. "

463. "

464. "

465. "

466. "

467. "

468. "

469. "

470. "

471. "

B. Shaffer.

1976.

Catalogue

15 km. N.E. (by Road) of Santos Reyes Papalo.
Est. Oaxaca, Mexico. elev. 2850 m.

15 Feb. 472. Thorius

473. "

474. "

475. "

476. "

11 km. N.E. (by road) of Santos Reyes Papalo,
Est. Oaxaca, Mexico. el. 2820 m.

15 Feb. 477. Thorius

478. "

479. "

480. "

481. "

482. "

483. "

484. "

485. "

486. "

487. "

488. "

489. "

490. "

491. "

492. "

493. "

note - many of these (~ 25-30) were found in one log - a large 2 ft. diameter pine log. (or fir?)

B. Shaffer

1976.

Catalogue

11 km. W.E (by road) Santos Reyes Papalo, Est. Oaxaca, Mexico el. 2820 m.

5 Feb. 494. Thorius

495. "

496. "

497. "

498. "

499. "

500. "

501. "

502. "

503. "

504. "

505. "

506. "

507. "

508. "

509. "

510. "

511. "

512. "

513. "

514. "

515. "

516. "

517. "

518. Pseudoeurycea

B. Stauffer

1976.

Catalogue

creek-pool by house at Zoquitlan, Est. Puebla, Mexico. el. 2250.

16 Feb. 519. tadpoles - frozen, live, + formalin.

9 Km. W. (by road) of Zoquitlan, Est. Puebla, Mexico. el. 2740 m.

16 Feb. 520. Thorius

521. "

522. "

523. "

524 "

525 "

526. "

527. "

528. "

529. "

530. "

531. "

532. "

533. "

534. "

535. "

536. "

537. "

538. "

539. "

540. "

B. Shaffer

1976.

Catalogue

9 km. W. (by road) of Zoquitlan, Est. Puebla, Mexico. el. 2740.

16 Feb. 541. Thorius

542. "

543. "

544. "

10 km. W. (by road) of Zoquitlan, Est Puebla, Mexico. el. 2760 m.

16 Feb. 545. Thorius

546. "

547. "

17 Feb. Avenida 1 Poniente, 1.1 km. W. of Fortin Town Square, Est. Veracruz, Mexico.

- 2 snakes - not take #'s.

Cafetale, 5.0 km. (by road) N. of Huatusco, Est. Veracruz, Mexico, el. 1470 m.

17 Feb. - Jim, one B. platydactyla.

pine forest along Mex Hwy 140 at La Joya, Est. Veracruz, Mexico. el. 2290 m.

17 Feb. 548. Pseudoeurycea belli under rock

549. Snake. all black

B. Shaffer

1976

Catalogue

Pine forest along Mex. Hwy 140 at Las Vigas, Est. Veracruz, Mexico. el. 2525 m.

17 Feb. 550. Thorius

551. "

552. "

553. "

554. "

555. "

556. "

557. "

558. "

559. "

560. "

561. "

562. "

563. "

564. "

565. "

566. "

567. "

568. "

569. "

570. "

571. "

572. "

B. Stafford

1976.

Catalogue

Pine forest along Mex. Hwy. 140, 4 km. W. of las Vigas. Est. Veracruz, Mexico. el. 2550 ± m.

18 Feb. 573. Bolitoglossa

574. "

575. "

576. "

577. "

578. "

579. "

580. "

581. "

582. Chiropterotriton (?)

583. "

584. "

585. "

586. "

587. "

588. "

Shaffer, B.

1976

Journal

Mexico

B. Shaffer
1976

Journal

28 Jan. Jim & I flew into Mexico City - arrived at 5 pm., & had the luck to be through customs, have our car and be out by 8 pm. Attempted to find the hotel Aguas Calientes, but ended up at the El Paraiso instedd, in downtown Mexico City. For $5 a piece, the place was a bargain. Good dinner accross the street, & in bed early.

29 Jan. We set out first to find some liquid nitrogen, according to the Union Carbide list - unfortunately, no such luck. We finally got some accross town for 7 pesos/kg. - quite reasonable - at the Argon, s.a. Finally got out of the city on Mexican hwy 150 and headed for Veracruz. First hit some level woods and fields, then we started to climb out of the valley. Passed by some nice looking pine forest with lots of bromiliads, & then pulled of a couple of kilometers later. the area is pine-oak woodland, & looked really dry. We were above the bromiliads, but decided to turn some logs. I got the Paraphalge immediately under a medium (~ 8" diameter) log - in a hollow in the dirt. The area

S. Shaffer
1976

Journal

Mexico: Mexico, Puebla,

29 Jan. under the log was fairly moist. We turned lots of other logs in the area, many of which were charred, and most of which were rotten. Under two different dry logs I got ~~the~~ 2 Barisia - both coiled in the ground. Peeling bark on one big log (2 ft. diameter) I got 4 small Sceloporus, and another adult was out running around. This area is 9.5 mi. W. (via Hwy 150) from the Rio Frio church, which is next to Parke National Zoquapan office. Although it looked like it had not rained in a while, it was still moist under some logs, & peeling bark was often wet + moldy. We pushed on after a couple of hours - the road is very slow & windy and we made poor time. Also it started to rain on and off, never heavily, but we did get showers. We ate in Puebla City, then Jim drove to Veracruz, where we stayed in the Hotel "Pepsi" - a dive, but cheap.

The Parvamolge is small (~2 cm. S-V.) and is a rust-brown above w brown flecks. The sides go to a deep grey, and there is a sharp line where the black venter meets the grey sides. & Venter is pure black. The legs are fairly long &

B. Shaffer

1976

Journal

Mexico: Mexico, Puebla

29 Jan. very thin, & the general body is stout. ω a large head. the toes are diminutive, unwebbed, and pointed.

note: all elevations are relative, & will have to be adjusted when a known elevation is found.

This el. 3050-3100 m.

City of Puebla- 2100 m.

Rio Frio (church) - 2900 m.

30 Jan. Mexico - Veracruz, Fortin and Cuatlapan -

We went into Fortin for breakfast, and while trying to find some ice went out Av. 1 Poniente, to the western edge of town. Here we turned some rocks and about 30-40 flagstones - under one of these I got a. B. platydactyla. It was moist but not really wet, about 10:30 A.M. No other herps were seen. We bumped into a man & his sons, and agreed to pay for salamanders at the end of the day. (They got none.) Then went to meet Carlos at Cuatlapan. He was at the sugar factory, and Miguel was also out. We talked ω Carlos's wife, then went to find the banana & coffee finca locality West of town. A dirt road goes west at Carlos's house, and we

B. Shaffer

1976

Journal

Jan. 30 - Mexico. Fortin and Cuatlapan, Veracruz.

followed it a couple of kilometers. The road is extremely rough, wet + rutted, and we bottomed out frequently. ~~When~~ ~~we~~ When we stoped we were at the house of Victor Ceron - in back a finca of Banana, squash, etc. We worked the slope of the mountain, both in and above the banana fields. It is a fairly steep slope, with many rotten banana logs and ~~we~~ spots of many rocks. We employed a kid (the son of Victor) at 1 peso per animal to help us out. The most abundant herp was Lineatriton, which was found under small rocks, at el 990 - 1060 m. (this is basically the spread of the area we worked - that is they were found everywhere). We got 10 Lineatriton - always under small to medium rocks. B. rufescens was again found in banana axils - 7 in all el. 980 - 1045 m. Also, I got one on the ground inside of a dead, rotten banana log. Thorius were not common. I got 2 under medium sized rocks (never ~~in~~ a Lineatriton) and Jim got 1 in ~~banana~~ ~~axil~~ ~~base~~ banana lf. litter ~~type area~~. Neither Jim nor I got any snakes, but the kid did - 5 Ninia(?)

B. Shaffer

1976

Journal

Mexico: Fortin + Cuatlapan, Veracruz.

30 Jan. and one thing that is built like a Contia, but w Diadophis markings. The Ninia? were found at 1015 - 1035 m. el., & the Contia-like snake at 1060 m. All snakes were under medium sized rocks, which were all the kid turned. Apparently he also discovered that rocks give the greatest numbers of specimens, if not the highest diversity.! Jim also picked up an Anole out running around - this was the only lizard seen. Basically, the salamanders were found under moist, smallish rocks, and in the very damp banana axils + logs. Snakes were found under dryier rocks, never near banana plants. No frogs were seen, and nothing fell out on cake in altitudinally. (1 snake was found lower down, in a dry patch of dirt, under a rock.) We paid our dept., which worked out to be more after talking w the father, Victor, then went back to the Fortin locality. We went into a banana finca there, & I got 3 snakes very similar to the Contia things, but instead of an orange venter, they had a blue one. All were under

B Shaffer

1976.

Journal

Mexico: Fortin + Cuatlapan, Veracruz

30 Jan. very dry rocks, one infested w ants. I also picked up one Sceloporus under a dry rock. Jim got a B. rufescens in a banana axil, but I saw none. Outside the finca, I got an Eleutherodactylus under a large wet rock, as did Jim. We lifted all the flagstones again, but got nothing. We went back to Cuatlapan, were we dined and slept at Miguels place - fantastic folks, but a very loved rooster crowed all night.

Mexico: Veracruz, Cerro Chicahuaxtla

~~1 Jan.~~

31 Jan. We got off at about 9 AM. from Miguel Ceron's house to collect. Jim, Carlos + I drove to the base of the mtn., & climbed to the top of Cerro Chicahuaxtla, a climb of ~ 2 hrs. Once there Carlos lopped bromeliads, & Jim + I primarily worked the logs, bark, etc. on the ground. I got 2 Salamanders - 1 Thorius inside a rotten log, and another (poss. Parvamolge) under mossy bark about 4 ft. off of the ground. Carlos got 1 Pseudoeurycea nigroventris in a bromeliad, & 2 tad poles. The area was

B. Shaffer

1976

Journal

31 Jan. Mexico: Veracruz, Cerro Chicahuaxtla

moist, but not soaking wet. We worked for ~ 2½ hours, and only got 3 salamanders. No other herps were seen. Ate lunch at the crest, then decided to move further down to look for thorius and Paramesotriton. We worked down from the crest about 300 meters, then again started to look in earnest. I got 2 B. rufescens in a large banana tree, and one Lineatriton under a very large rock. Also Carlos picked up several more rufescens and 2 Lineatriton and Jim chopped a B. rufescens (?) in half. this animal was inside a rotten log in a large beetle cavity, unlike all the other rufescens we have caught. As we were working in this general area, a very light shower came down for about 15 minutes. We then went down to the casa of Victor Solano & worked the bananas & rocks around there. I got 2 more B. rufescens in another banana tree, one of which was about 10 ft. off of the ground. Also, these animals seem to be clinging to both the tree & on the axil that is peeled, & can be several layers into the plant. Carlos also got more rufescens as well as 1 Lineatriton & 1 thorius, both under rocks. This area was around 1100 meters.

B. Shaffer

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Journal

Mexico: Veracruz, Cerro Chicahuaxtla.

1 Jan. and was drier than the summit. I also worked a few yards of a dry creek bed, hoping to find frogs, but found it to be very dry, although the air in the small gully it formed was very humid. I also worked some stones around a running creek with no success. All together we got 17 salamanders and two tadpoles, not much for a hell of a lot of work. This evening we had chille rellenos cooked the way they should be by Miguels wife, & again ~~she~~ will sleep at his place. (It rained for another 15 minutes tonight).

Mexico: Veracruz, Vicinity of ~~San Bernadino~~ + Puerto del Aire.

Feb. Four of us (Carlos, Renee, Jim + I) took off toward the Puebla border via the toll road 150, toward Laguna San Bernadino. We exited on the dirt road to San Felipe, (10 km.) then went another 12 km. to our first collecting site.
As we went inland on 150, the terrain became dryier till it was cactus desert. However, as we climbed toward Puerto del Aire, it became foggy till one couldn't see at all. (Note, there are 2 reverse corners, where you go on the wrong

3. Shaffer

1976

Journal

Mexico: Veracruz, vicinity San Bernadino + Punto del Aire.

1 Feb. side of the road on this climb). Over the top the fog cleared, & it became dry again. However, after about 10 km. on the dirt road to San Bernadino the fog moved back intermittently, & the oak-pine forest reappeared. We collected at a clearing in the woods ~ 12 km. E. of San Felipe. The road went through a valley, with oak-pine woodland on either side. The south-facing slope was cleared, with many logs + stumps to work. Thorius were fairly common under logs + bark, and raking leaf litter. Also, there is a large Pseudoeurycea under logs + bark. I got one young one under bark. It is brownish above with a red tail. The animal is fairly slender, but heavier than a Thorius. Jim + Carlos got several adults. Carlos found 10 under 1 log! These guys have some really nice mold spots on the top of the tail, & go to a greyish on the side. There is also a reddish ear mark on each side. All told, we got. 38 Thorius, 11 Pseuds + 4 Sceloporus. As we were leaving the fog started to roll in - this was so heavy w/ water that it was raining fairly heavily fog drip. However, the ground still remained pretty dry. Also, on the South facing slope I found & cut about 10 bromeliads - no luck - in oaks.

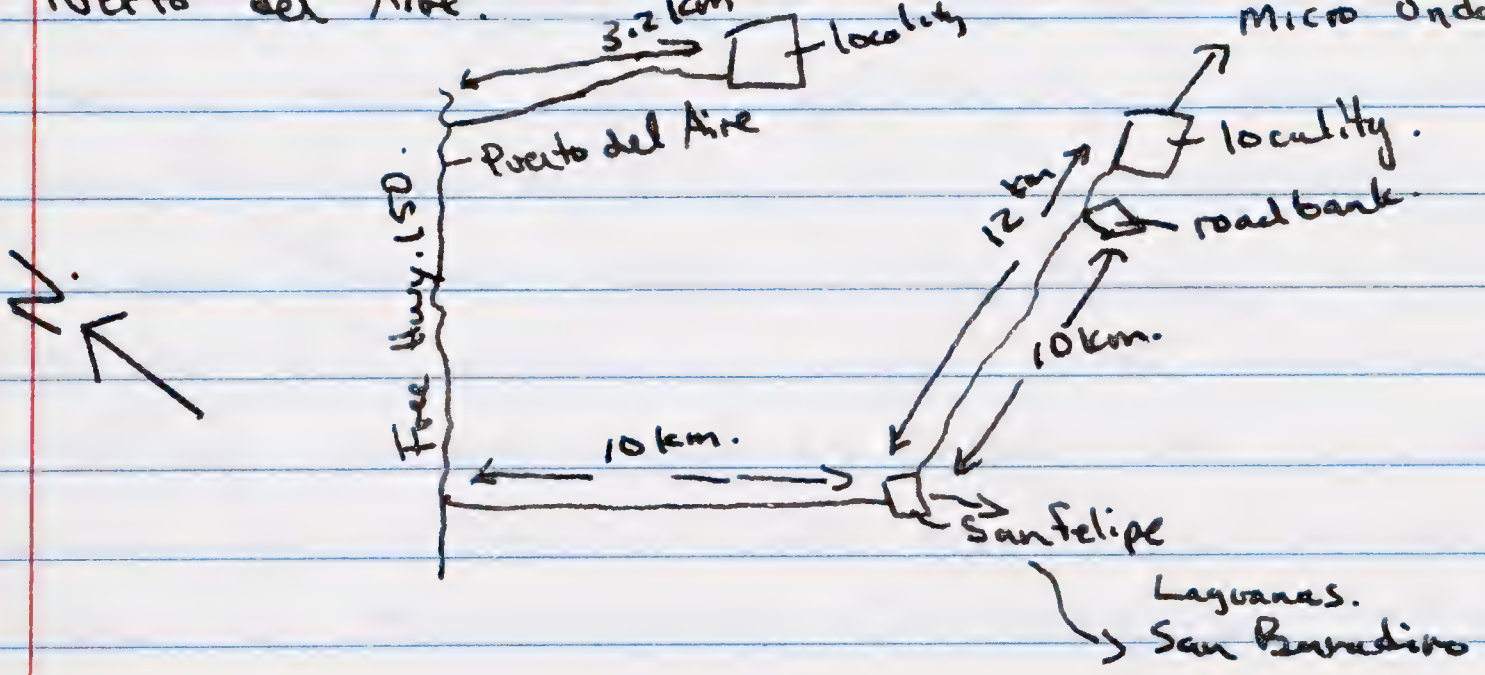
B. Shaffer
1971

Journal

Mexico: Veracruz, vicinity San Bernadino + Puerto del Aire

Feb.

We then backed up ~ 2 km. + worked a road bank. I used the pick on the bank, & got 7 Thorius in about 10 minutes - all within 4 inches of the surface, in moist dirt. I also chiped some rock, with no luck. Carlos + Renee got another 29 Thorius under logs in the woods. We then back tracked along the road to Hwy. 150, and headed E. to Puerto del Aire.



At. Puerto del Aire we went ~~E~~ S-S-W. 3.2 km. on a dirt road to a patch of forest, where we collected. Again working logs + bank, we got 41 Thorius, but no Pseudo's. This area was very moist, with heavy fog drip while we were there. Vegetation was pine-oak woods, with considerable undergrowth, and plenty of logs and rocks. Also, the trees often had many bromeliads, and I knocked ~ 8 off of one oak. In one of these was an Abronia - green

B. Shaffer

1976

Journal

Mexico: Veracruz, vicinity San Bernadino + Puerto del Aire.

Feb. with yellow head + vent markings it was head down in the bromeliad, I think. Also, it is total ~ 8" snout - tail tip, which is about how big the bromeliad lvs. were. We headed back & drove another 2.4 km. to a spot .8 km from Hwy. 150. Here ~~we~~ Carlos + Renee worked more bromiliads, & got 5 more Abronia - 3 in one large bromeliad. The place has been heavily worked by herpetologists, & there are few bromeliads left in reach - especially big ones. This may explain the Abronia density in the few remaining good sites. We found few logs on the ground, & it was dry beneath them - no salamanders were found. We headed back to Miguels place, ate + crashed. That night it rained some more, as it seems to really every night (at least heavy dew).

Mexico: Veracruz, vicinity Cerro Orizaba.

2 Feb. We headed first for Orizaba, where we had the muffler of the car repaired - it had come apart. We then headed east Hwy. 150 - 15 km. past the road to Maltrata we turned off on a dirt road. It was clear

B. Shaffer
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Journal

2 Feb.

Mexico, Veracruz, vicinity Cerro Orizaba.

and the road, while dirt, is a very good road. We proceeded East on it, ~~past Teximola 1.5 km.~~ and 1.5 km. before Teximola, we collected in a small patch of pine woods. The area has been heavily cleared, but there were a few odd patches of woods left. In this area, we found very few logs or rocks, but those we found had salamanders. I got one small Pseudoeurycea under bark of a stump, & many Thorius, especially by raking wood chips on the ground. These were very moist, & often between the chips would be salamanders. All told, we got 53 Thorius + 3 Pseuds under various litter. The area was dry + sunny for the most part, & is being heavily farmed. We then proceeded on the road further east, to the town of El Berro. This may be arrived at several ways, but if you keep going east (toward the mtns.) you eventually hit it. We then hiked in about 1 km. to the face of the mtns, and worked a very steep clearing on a slope. This area also was very dry + dusty, and heavily cleared. Only the very steep slopes have trees left - the rest is cleared for farming or wood. We worked

J. Stuffle

1976.

Journal

Feb.

Mexico: Veracruz, vicinity cerro Orizaba.

this slope the same as before, & again in the wood-chip clearing there were many Thorius. There were also at least 2 Pseudes - one small one that Carlos got may be an immature beli, & another larger one I got looks much like those collected near San Bernadino. In all we got 50 Thorius & 5 Pseudes (4 of one type, & the beli) in about 2 hours. Also, as we walked in there was a nice road bank, where we collected 8 Sceleps of at least 2 types. However it was much too dry for salamanders. Also, as we walked I turned 3 logs by the side of the road. They were completely exposed, in the open in a field. On the first swing through I got 15 Hyla under them - then on the way back Carlos + I got 8 more. As we headed for the car it rained very hard for a good hour - so it is not truely dry season! As we left we tried to collect one more spot, but it was dry with no wood or rocks to turn - we got nothing, & headed back to Cuatlapan. We then left with many fond farewells, & spent the night in Fortin at the Hotel ~~Margay~~ Mayorga. 120 pesos for 2.

B. Shaffer

1976,

Journal

Feb. Mexico: Veracruz, vicinity cerro Orizaba.

(Note. When we collected at El Berro, Carlos told us it was ~ 3½ hrs. by foot to the top of * Orizaba - this about 15 km.) (see Jim Hanken for map of this place).

Feb. Mexico: Veracruz, en route to Vulcan San Martin.

We woke up & worked the coffee + banana finca at the edge of Fortin - basically the same area as before. In the banana fields I got an Eleutherodactylus (?) and one Hyreatriton, + Jim got 2 Hyreatriton + 2 Bolitoglossa rufescens in banana plants. The Hyreatriton, as always, were under rocks. We then walked along a path through the bananas, were I turned a lot of rocks. Under them I got 3 snakes + one Bufo - it is not a marinus, & has large, very distinct cranial crests. We left after a couple of hours & headed for Veracruz. 4.1 km. east of Fortin we worked a decent lot for more platydactyls - I got none, but Jim got 3, under 2 rocks next to each other. They were in the open, totally exposed. We were told that salamanders are common under rocks, but when it is wetter - in May + June. We left & headed on to Veracruz, then south to Catemaco,

B. Shaffer

1976.

Journal

Feb.

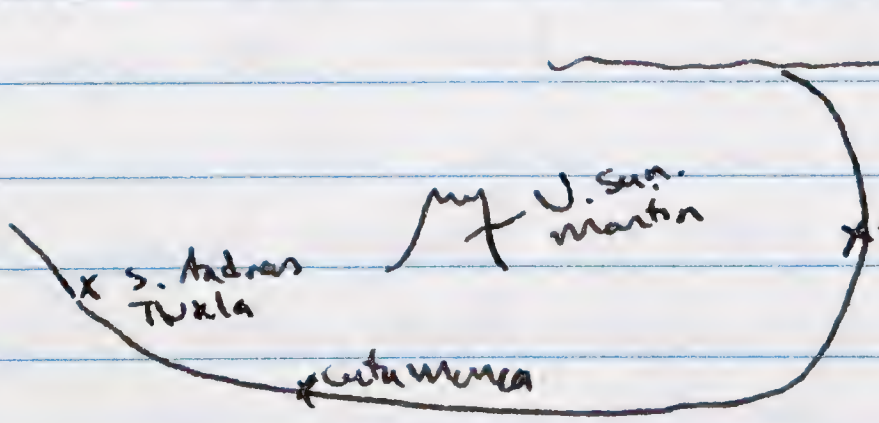
Mexico: Veracruz, en route to Vulcan San Martin.

The area gets very dry as you head south, till it is scruffy chaparral-desert land. this is so even though you go very near to the coast. Also, the lowlands are heavily cleared, & there is virtually no forest except on the steepest slopes of the mountains, which apparently are impossible to ~~clear~~. clear. We stayed the night in Catamarca, in hope of hiking Vulcan San Martin in the morning.

4 Feb.

Mexico: Veracruz Catamarca

We attempted to get up Vulcan San Martin- talked to an American named Juan Hiler who runs a refrigerator repair service in town. He told us of 2 ways to approach the mountain- one from San Andreas Tuxtla, & the other from the coast.



Either way the road doesn't get too close to the mtn.- we first tried the coast way. the road is long & slow, & we got as far as the tropical ~~re~~ biology research station &

B. Stuffing.

1976.

Journal

Mexico: Veracruz, Catamaco.

4 Feb. asked for help. They told us to go back to the head man of the station in San Andres Tuxtla. We did this. & the man, Refugio Sardido, took us to the dirt road to the mtn. Note - we collected near town earlier in the day. First, we ~~on~~ climbed a ridge about 2 km. from Catamaco. On the way up I got ~~on~~ a Frog, & Jim a ~~Sce~~ Sceloporus. It was really dusty & no other herps were caught. Then we went into the outskirts of town, about .7 - .8 km. W. E. of the town square. Under a piled bunk, I got the only salamander - a Bolitoglossa. It looks very similar to the platyductyla we've been getting, and is definately in the mexicana group. Also in a log pile I dug out 2 Bufo marinus. We worked the area a ~~bit~~ bit longer, then took off, for it was hot, dry & to little good cover.

The general aspect of everything is cut over, dry, & inhospitable. - definitely not good salamander country. We saw no bromiliads, and logs had more scopions than anything else.

B. Shaffer

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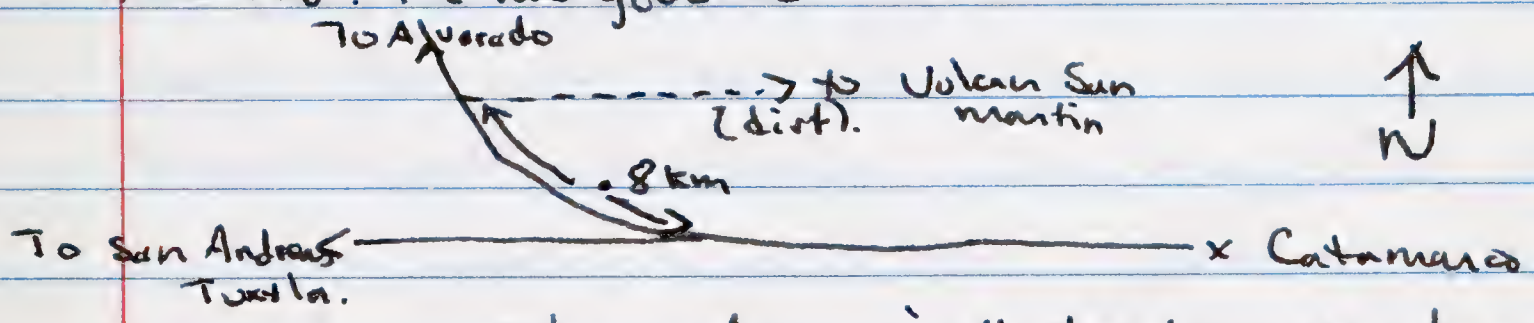
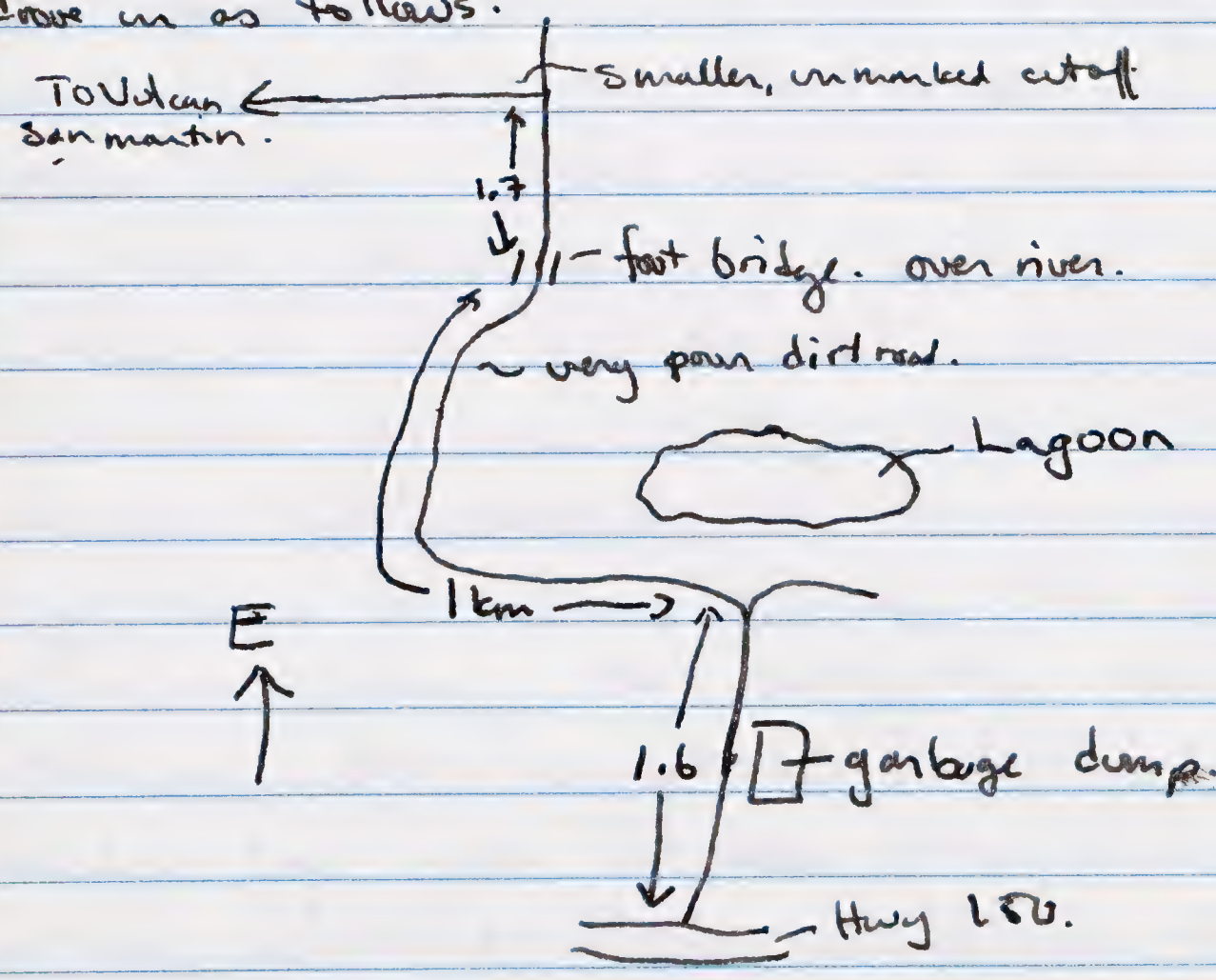
Journal

Mexico: Veracruz, Vulcan San Martin

5 Feb. We took off again for a vulcan San Martin: from Catamarco head west on Hwy 150 toward Alvarado. The road goes as follows.



The road in is dirt and very bad, we drove in as follows.



we drove about 5 km. in, then ~~walked~~ walked another 6 hours- probably about 8 km. to the beginning of the rain forest. Along the way, the area has been totally cleared of forest, and is all pasture and cornfields. There are nice patches of forest on some steep hills, but we did not

B. Stauffer

1976.

Journal

Mexico: Veracruz, vulcan San Martin.

Feb. investigate them. On the mountain, however, the forest starts as soon as you start to climb. It is extensive & seemingly virgin forest. The area has a large mixed species forest, with bromileads and many good logs to turn & peel - however, they appear to be natural. Upon first entering the forest, we cut some bromileads. But is no luck. A little further on, ~~we~~ Jim found the first Pseudoeurycea ~~sp~~ weberi under a small log. We worked this area some more - got several more Pseuds. & I got 6 Thorius, under leaflitter and small logs. We continued up the trail finding Pseuds + Eleutherodactylus fairly regularly. the Pseuds were under logs, under bark, & inside of rotten logs. We did not notice the correlation made by Shannon, who says these salamanders are under logs when low town. & under bark off of the ground at higher elevations - for they were found on the ground at ~4000 ft + inside of log at 3000 - 2500 ft. The Eleutherodactylus were under logs, or just out hopping around. At least 2 species were found - one is small & solid brown - the other has a very distinct the mid-dorsal stripe, & is much less common (we got 2 only)

B. Stuffer

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Mexico: Veracruz. Vulcan San Martin.

5 Feb. Jim also picked up a small Anolis, but it ~~died~~ died soon after. I also got 2 snakes - one small Geophis type thing under a wet log, and one that looks like the snakes from the coffee + banana fields of Fortin, also under a large, very rotten log. Jim got 1 other Thamnophis under a large log. 1 no more were seen. We walked nearly to the top, then decided to get back. We made it out of the forest & to a fairly main trail by dark, but got somewhat lost in the dark & wandered around for. several hours. The trip should definately be a 2-3 day jaunt - it is beautiful & a lot to see, & camping would be very simple. Also, on the way in I grabed an Ameiva - out running around in the hot dry chapparal. All in all the area is highly worth while both for its herps & as an outstanding example of what tropical rainforest used to be like.

Mexico - en route to Oaxaca.

6. Feb. We ~~took~~ off for Oaxaca, went north on Hwy. till we hit the river crossing (ferry). On Mex. Hwy. 145 toward Tuxtepec we got a DOR Natrix sp. and saw a couple of others, badly squashed. Also noticed a couple

B. Shaffer
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Journal

Mexico, en route to Oaxaca.

6 Feb. of Buto Marinus outs, but didn't stop. We stayed in Tuxtapec that night. Also, we worked some banana fields before crossing the ferry, but got nothing - the water in the bananas was hot - ~ 25°C, & prob. the animals were elsewhere - even spiders were scarce.

Mexico: Oaxaca, near Vista Hermosa

7 Feb. We drove out past Valle National to our 1st collecting site - just south of Vista Hermosa, in a small clearing. It is really wet up here - heavy duty rain forest w lots of bromiliads & constant fog or drizzle. We hit a small clearing - looks like where a path was started, or a mudslide went. We worked it for about ~~xxx~~ 100 yards, until the rainforest closed in. I got 2 salamanders from 1 bromeliad - 1 thorius + 1 Chiroq. This was from a small bromiliad, ~ 6" tall. I also got another Chiroq., & Jim got a Chiroq, 2 Hyla, & 1 Eleutherodactylus, all from bromiliads. This area has a high animal : bromiliad density - perhaps 1:2 or 1:3. Unfortunately, there were few bromiliads in reach. Turning rocks gave no animals. We then moved on the road about 22 km. to a bus stop w a trail going

B. Stauffer
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Journal

Mexico: Oaxaca, near Vista Hermosa

7 Feb.

west away from it - most of these bus stops seem to be along ridges, & all of the ridges look like they have trails on them.

*This area is basically unworkable unless you are on a trail - the forest is incredibly thick. However, on this trail, after going from a few hundred yards, the forest thinned a bit, so that passing through it is possible. Off of the trail we found many bromiliads, but no salamanders. I dipped one very big bromiliad from ~ 15-20 ft. up in an oak tree - & we found 2 chartreuse - green Hyla's in it. However nothing else was seen, in perhaps 50 bromiliads. Also, nothing under bark on logs. We took off around dark - soaking wet from ~~heavy~~ intermittent rain & went back to Tuxtepec to get gas. ~~Also~~

* Before arriving at this area we stopped at the town of Yetla - a possible Bolitoglossa locality. We asked the ~~best~~ local people, & they knew salamanders. With a flash of translating brilliance, Jim got ~ 15 people looking for animls - but none showed up. We turned a lot of rocks in a river flood plain, tore up rotten logs, peeled bananas, etc. - nothing. We then

B. Shaffer

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Journal

Mexico - Oaxaca near Vista Hermosa.

7 Feb. Headed up to the Casa of Fernando Abandano to see if he had any animals. He had none, but we were told that they do exist there. Again we worked many fallen logs, peeling bark, etc. but found absolutely nothing. By this point it was getting wetter, and ~790 m. & the rain forest is starting to move in. However, it was still somewhat clear at this house, although we got 1 shower. The lowlands in general are really hard to work, & I suspect that salamanders are essentially absent during the dry season.

Mexico: Oaxaca - vicinity of Vista Hermosa.

8 Feb. We got up & drove back up to Vista Hermosa, where we worked another locality. This is off of a trail directly west of Vista Hermosa town - downhill into the forest. It is in back of a house so there are many fallen logs, which we worked, as well as trees w bromiliads. Also, many of the felled trees have live bromiliads which were as rich as the ones on upright trees for amphibians. All told we got 5 animals - 3 Pseudoeurycea type salamanders, a Hyla + a ~~Sucto~~ Syrrophus type hylid. The latter frog was found by Jim in the center of

B. Shaffer

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8 Feb.

Mexico: Oaxaca: vicinity of Victa Hermosa

a fallen-tree bromiliad in the mucle- the rest of the animals were in normal type habitats. Also, at this place I noticed that there are 2 distinct types of bromiliads- one has broad leaves w no spines, & the ~~leafs~~ leaves are thin, & the other looks like an Agavi plant or a tree- large, succulent leaves w spines on edges. The former seems to be richer in Amphibian life, but both do have animals - salamanders however, seem to be rare in the big Agavi type plants. We now drove about 3km. S. to a ~~bus stop~~ ~~that was~~ ~~base~~ known as a good site with ~~a very large trail going off to the west.~~ As good known collecting spot - another trail to the west, but no bus stop. Again this is very wet, true rainforest - lots of bromiliads - a good spot. Walking through the woods we got ~ 12 Chirps in perhaps 30-40 bromiliads and here we found, as we did elsewhere, that Chirps are most abundant in medium sized bromiliads. It is possible that the big ones ~~have~~ harbor too many predatory insects, or perhaps they are too wet - they hold several quarts of water. In any case- about 12" tall plants are definately

B. Shaffa

Lab

Journal

Mexico: Oaxaca near Vista Hermosa.

8 Feb. the best for these salamanders. We also turned many cover objects, but too no avail. We now moved on to another large bus stop on a trail leading west. This trail is really major - almost like a road, w many side branches - we were told it goes to a village. The earth is red mud here - might be good for night collecting. We walked around lopping bromiliads - & got 9 more Chirops, again primarily in medium bromiliads - Jim also picked up 1 thorius in a bromiliad. I got 2 thorius under logs - the 1st things seen on the ground in a long ~~time~~ time. These were very rotten logs sitting close to a muddy pool - so the ground was saturated mud. No other thorius were seen. Jim also got 1 leptodactylid in a bromiliad. We now drove on another 5.5 km. & stoped by a large "chapel" on the roadside that are so common. It is in the midst of a clearing, & we started to turn objects. There was a large pile of ~~old~~ old roofing material, & in the middle of it I got an Exilobus placatus - coiled up. This pile was exposed to the sun, & the sun was out. It is a greyish color, & is about ready to shed - we shall see if it turns black. The snake is

B. Shaffer

1976.

Journal

Mexico: Oaxaca, Near Vista Hermosa.

8 Feb. perhaps 18" long, w a strongly keeled tail. The area ~~was~~ is about a acre clearing of grass. Turning all other stones, etc. gave us nothing. However, that night on a road bank I got a leptodactylid w a bright orange dorsal stripe - sitting on a small ledge on the vertical wall. We drove on about another 6 km. to the next stop; a wet pine forest. This is just past the actual rain-forest, & into drier pine - however it still has some bromiliads. Jim went in to the woods to look for Thorius, but got none. I caught 1 thorius on the roadside under a cement block - it was very dry. Also got 6 frogs under small rocks, & 1 Barisia under a large rock. I turned about 100 rocks to get the 6 frogs - they were fairly evenly spaced under dry, roadside stones. There were at least 2 spp. one has a reddish dorsal color & a distinct to indistinct cream triangle on the head; the other is black + white mottled. We went to Machin for dinner where there is an excellent, & somewhat simple, restaurant, then went nighttdriving. We went first to the Exiloboa locality, where I got the frog. Then we went on to 52 km. W. Guelatao to a nice red-clay road bank.

B. Shaffer

1976 -

Journal

Mexico: Oaxaca, vicinity Vista Hermosa.

8 Feb. This roadcut varies from 10 ft - ~3 ft. high, & is intermittent rock, rock + moss, & red clay. We got 9 Pseudoeurycea "lumpy" & 1 Ps. warreni, all out & around. Occasionally just the head was sticking out of a crack in the clay, but usually the entire animal was out & it was apparently out foraging for food, mates, etc. It would be of interest to watch them, but it was raining, so we grabbed them & took off. Also, the cracked red clay is definately the place to get them - although they were found on all of the vertical surfaces. I also got a Plectrohyla sitting on the vertical wall - & no other frogs were seen. We took off & camped out on the Machin side of the mtn. at a bus stop - it was cold but very beautiful.

Vicinity Llano de las Flores, Oaxaca, Mexico

9 Feb. We got up & went to Oaxaca for business, then worked our way back up Cerro Pelon. The 1st stop - was at an abandoned house 18 km. W. of the town of Guelatao. This area was pretty dry, but we decided to look anyway. I got a Sceloporus by the road, then worked a big, rotten log in the sun in front of the house. Under bark I got a couple of thorius, & many more inside it - about

B. Shaffer
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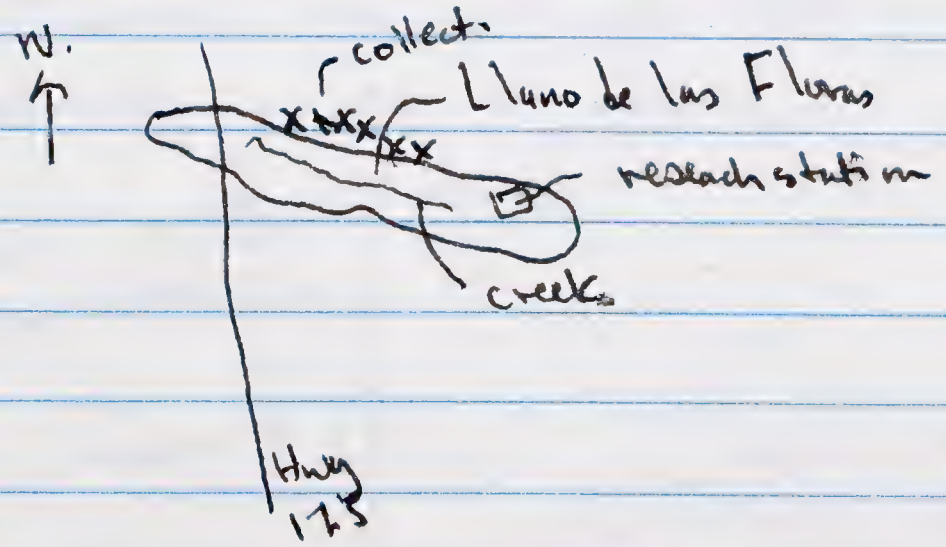
Vicinity of Llano de las Flores, Oaxaca, Mexico.

1 Feb. 10 in all. This log was cedar, & was rotted to the point of breaking into large chunks. not truely rotten, but breaking up. This type of log proved the best for Thorius at this stop &, several others - they seem to dislike really rotten logs, &, you can't get into solid ones. I then moved off into the woods by the side of the house & got most Thorius in similar cedar logs. In shady spots I also found them under large pieces of peeled bark on the ground, for these maintained their moisture well. All together, we got about 35 thorius - I got ~25. of them. Also, I picked up another Sceloporus out running around. We then moved on to Llano de las Flores - a large clearing another 8 km. W. on the road. This area is a very large meadow that crosses the road slightly & has a small stream going down the middle of it. Also, at the eastern edge is an agricultural



research station of some type. We collected along the northern edge of the meadow, also on a

B. Stuffy
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9. Feb

Vicinity Llano de las Flores, Oaxaca, Mexico.
hillside. It is covered with lots of oak logs & rocks, which can be good Thorius cover. By rolling logs & peeling bark one can get many animals. Jim got 43 under 1 log, & I got 15 under another. The best log seems to be a ~~[illegible]~~ medium, non-rotten log set in the ground w loose bark. In all we got ~125 thorius. Jim also got one hatchling Pseudoeurycea under bark of a large log, ~2 ft. off of the ground. It looks like a hatchling smithii. No other herps were caught. This area is cold at night - it definately goes below freezing at this time of year. Thus, the reason that animals are not as thick as they are in summer may be moisture, or it may be temperature. No other herps were seen, & we headed to § Ixtlan to sleep. Also, we went out night driving at the road cut off of Muchin - two spots, one east & one west. Unfortunately it was very dry & we got nothing.

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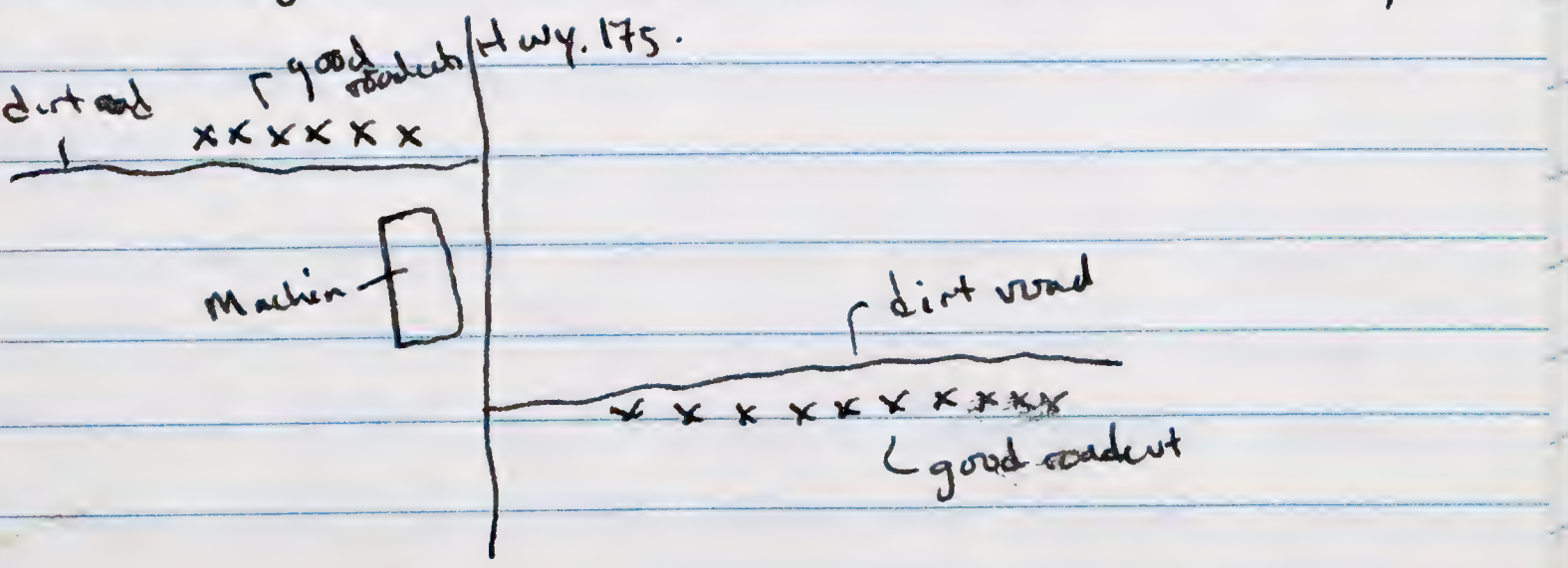


B. Shaffer

1976.

Journal

10 Feb. Cerro Pelon and, Oaxaca, Mexico.

We got up & decided to fill in the gaps we had missed along the edge & top of Cerro Pelon. There were still one or 2 intermediate places, plus the saddle & top of the mtn itself. ~~This~~ The southern exposure of the mtn. is quite dry all over, but it does have these wet logs we've been getting animals under. However, once over the top, the drop into cloud forest is truely amazing. Our first stop was btw. the Exiloboa locality & the Llano de las Flores, a place 33 km. N. of Guelatao. This area was much like the abandoned horse locality - dry oak & pine on a fairly mild slope. We started to turn logs & tear open stuff. & I got several Thorius peeling bark & working rotting cedar logs. Again in the shade they were much closer to the surface & easier to get at. ~~On a south~~ I worked a west and north facing slope - on a South facing slope, under a rock, Jim got a Rediviis - like snake - yellow w dark lines, & really nice. In all we got about 20 Thorius & decided to leave. Then, up by the road, turning stones I picked up a small Thamnophis coiled under a rock in the sun. We turned most of the other rocks in the area to no avail,

B. Shaffer

1976

Journal

10 Feb.

Cerro Pelon area, Est. Oaxaca, Mexico.

We drove on 4 km. to an area on the saddle of the mtn. top, & decided to work there a while. The area was again a dry, flat spot. We worked, but I got nothing. Jim however, did get 3 thorius & one Barisia under rocks + logs. The area was not great, so we pushed on to the logging road east of Madrin (see map, p. 9 Feb.) This is yet another stand of ~~oak~~ oak-pine - but primarily pine. Some of the area has been cut over, & many stumps were around. Further along the road to the east there is active logging - but but we worked a steep north-facing slope that was not badly cut over. Again by peeling bark & chopping open logs we got thorius - also Jim tells me he got them just under logs, although I never found one under a log or rock. The area supports some scraggly pine-bromiliads, and Jim & I each got a thorius inside of one - they look like the normal ground ones, but we kept them seperate anyway. In all we again got ~ 20 thorius, but no other herps were seen.

At this point we had a fairly good transect up the dry, southern side of Cerro Pelon, but were missing anything from the

B. Shaffer

1976.

Journal

Cerro Pelon area, Est. Oaxaca, Mexico.

10 Feb. actual peak. Therefore, we ~~we~~ went over the top & looked for one more good spot to collect. Unfortunately, it is very steep on the North facing side of the mtn., so level spots are hard to get. We worked a spot on the west side of the road, just over the crest. A small stream runs down the mtn. side & crosses under the road, and there are a couple of trails going up. We worked the slope all the way up to the summit - it is very steep, ~~at~~ at times nearly vertical. This area is primarily pine, although there are some deciduous oaks. Underbrush is thick at spots, but generally passable off of the trail. Jim got 3 animals working rocks on the slope, & I got no Thorius at all. I did, however, pick up a Sceloporus in a open sunny patch near a stream. On the way back down I found a log ~ 4 ft long & 2 ft. in diameter, & got 5 Thorius under the bark of it. The log was near the stream, & had thin bark that peeled easily. The log did not appear rotten at all. I also turned rocks near the stream, but got nothing. This area was quite dry now, but is probably wet in June + July. If worked then, undoubtably the Thorius would be fairly

B. Shaffer

1976.

Journal

Cerro Pelon Area, Est. Oaxaca, Mexico.

o Feb. common, for there are plenty of cover objects. It was getting late, so we pushed on & worked one more spot - another primarily pine + oak area 52 km. N. Gevelatus. This was another dryish area, w very few cover objects. I got one Thorius under a small (~3" diamtr) log, & thats all we got. The underbrush was thick at this area, & it is hard to work. We did some night work (see ~~to Feb~~ 9 Feb. for details) then took off. ~~the~~ and camped out.

Oaxaca city, Est. Oaxaca, Mexico.

11 Feb. We were really tired & far behind on animals ~~to~~today, so we decided to take a day to get caught up. We found a great hotel - the Hotel "Primavera", & got a room - 68 pesos, clean, & you park your car inside at night. There is also a good restorant next door. Spent the day @ cataloguing & screwing around Oaxaca city - a very nice place.

Cerro San Felipe - Est. Oaxaca, Mexico.

12 Feb. To get to Cerro San Felipe drive NOF thru Hwy 175 out of Oaxaca city, past El Estodiante to the town of La Cumbre - here there is a dirt logging road to the West that goes all the way in to the peak

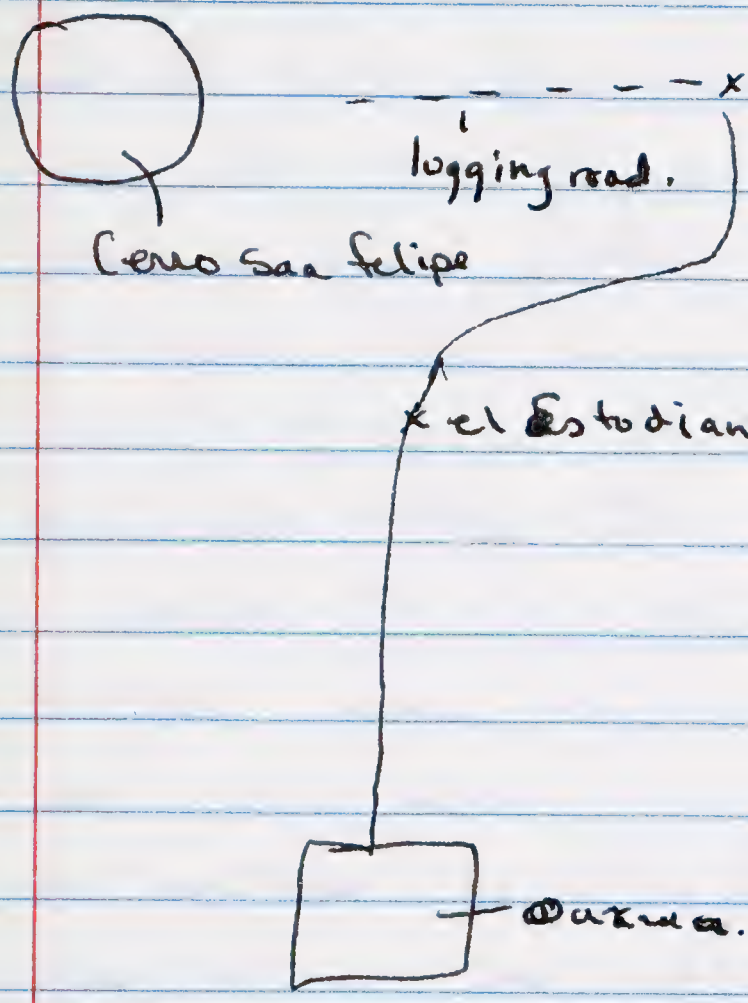
B. Stauffer

1976.

Journal

Cerro San Felipe, Oaxaca, Mexico.

12 Feb. Of the mtn. The road is a good, major road,



with several forks (map forthcoming) However, the easiest way to remember your way is always take the uphill fork - it will get you to the top. The mtn. was very dry all over, and especially at the lower reaches was quite windy & hot - the wind probably contributed to the overall dryness, The slopes of the mtn. are steep low ~~down~~, down, so one can really only walk a few places. The first is about 2.4 km. from the entrance at La Cumbre - we worked logs for Thorius, but it was very dry, & we saw no salamanders. Also, we worked bromiads for Abronia which

B. Shelton

1476.

Journal

Cerro San Felipe, Est. Oaxaca, Mexico.

12 Feb. should be here, but got rare: since it was very warm, they may be out foraging. Also, most of the low bromiliads have been cut by the turnout, so they are fairly tough to work. This area, as most of the mtn., is pine + oak & is very dry. We moved on to a logging camp 4 km. W. of la cumbre & worked more pine-oak slopes. Jim did well- several Thorius & about 5 P. smithii. and The Thorius seem to be under bark often, while the smithii are under rocks or logs. Also, there seems to be the beginning of a correlation that the 2 are not often found together - perhaps Smithii eats Thorius, or it's poisin keeps it away. I also lopped some bromiliads here, but again got nothing. we took off after a couple of hours & went to the next locality, a stream cut 9 km. W. of la Cumbre. The road goes west, & the stream runs N-S. across it. We again worked the same type of habitat, but got very little again- a few odd Thorius inside of logs, & a few small Smithii. This area was wetter, ~~but~~ due to the storm, but was still a dry, steep slope, hard to work. I did notice that the wind had

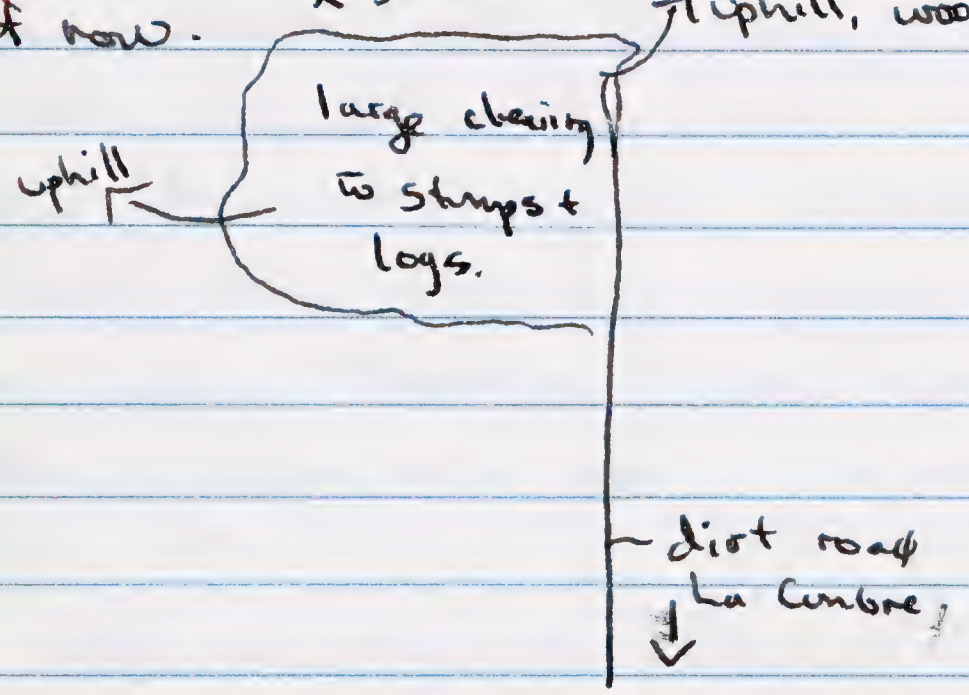
B. Stuffer.

1976.

Journal

Cerro San Felipe, Est. Oaxaca, Mexico.

12 Feb. sobsided, however. We ate lunch & decided to push on to the summit locality, 15 km W. of La Cumbre. This area is reported to have a superabundance of P. smithii in the wet months, so we were curious to see if now.



The area in the clearing shown above - open, exposed to direct sunlight, & fairly hot. There are many logs + stumps, &, we worked these first. The Pseudoscorpions were occasionally found under logs, & often up to 10 under bark of stumps. However, they are not thick under logs as reported for the wet season. We found that most of the animals encountered were very young, still retaining the juvinille red spots. Also in the clearing I got 1 Barisia & one Sceloporus - the former under a log + the latter out running around. I then started to work South up the north facing slope. Inside

B. Shaffer

1976.

Journal

Cerro San Felipe, Est. Oaxaca, Mexico.

12 Feb

a brush pile I got a large Thamnophis, & kept getting occasional Smithii. We decided to back up a couple of km's & see ~~what~~ what we could get. — we hit an area similar to the 15 km. locality, but a steeper hill. The area was about the same, but definitely fewer Smithii - I have no idea why. However, Smithii + Thamnophis were still common enough & Tim got 2 more Baisia. We worked this area, then called it a day.

Sola de Vega, Est. Oaxaca, Mexico.

13 Feb. We decided to give the area around Sola de Vega a try - go the southern Hwy. 131 to the town of Sola de Vega, then another 19 km. to a power plant station, the area is quite pine & exceedingly dry. We worked a road bank that supposedly has a superabundance of Thamnophis in the wet season, but we got here. I worked a hillside in back of the house & got 1 Conopsis, but that was it for us. We headed back to Sola de Vega, & worked the stream that goes through town for a bit. Picked up about 50 tadpoles in it in 2 ~~scoops~~ scoops of a dragnet, ~~and~~

B. Shaffer

1976.

Journal

Sola de Vega, Est. Oaxaca, Mexico.

13 Feb. then worked the stream more for turtles that are reported to be in it - unfortunately we saw none. Also, no adult frogs were seen or heard. We headed back to Oaxaca early. Note - we were told that the 19 km. S. Sola de Vega locality is very wet in June + July, but it was bone dry in February!..

Vicinity Cuajimoloyas, Est. Oaxaca, Mexico.

14 Feb. We headed out of Oaxaca City on Hwy 190 S. and at Tlacolula headed north toward the city of Diaz Ordaz. (175 x 190 → Tlacolula turnoff is 24.3 km. by road). Go 6 km. to city of Diaz Ordaz, then go left on Calle de 5 de Mayo in town. This is a dirt road that heads off to the town of Cuajimoloyas. (~20 km.) The road is a steep climb up to ~3000 [illegible] m. elevation, and we found it to be extremely dry & dusty. Once in to high elevation, the forests (and most of the area still has fine stands of forest) are primarily coniferous, with an occasional small oak or madrone. Also, nettle & thistle are on the ground, and an occasional huge agave plant is seen. Our 1st stop was 2 km. W. of town - we worked a nice-looking slope for a while, but found it completely dry, with only

B. Stauffer

1976

Journal

Vicinity Cuajimolayas, Est. Oaxaca, Mexico.

14 Feb. a few mist logs. We moved on to the 2nd stop, 4 km. N. of Cuajimolayas, at an elevation of 3170 m. Here we worked a very nice slope where we found Thorius fairly commonly. The best way to get them was rolling large logs with bark, & peeling bark that had been on the ground. However, they were also found inside rotten logs, under small logs, in stumps, etc. There seem to be either 2 color morphs of Thorius here, or 2 species. One is all black on the dorsal surface, the other is the more conventional dark with a brown stripe. However, other body proportions seem to be the same. In total we got ~50 animals in an hour or 2 of work. We then moved on another 3 km. to see what happens further on. This next area has a large cleared area with many logs about 1/3 the way up the slope to the left (east-facing) & we decided to work it. We found more of the same, & the same type of habitat. We worked up to the top of the crest & here found another area of cleared forest w many logs. I got 10 out of 1 log, & Jim at least that number out of a large rotten log. We took our ~50 Thorius (again both morphs, but the black more common this time) & split.

B. Shaffer

1976.

Journal

Vicinity Santos Reyes Papalo, Est. Oaxaca, Mexico.

15 Feb. We drove up Mex. Hwy 131 North out of Oaxaca city to San Juan Bautista Cuicatlán where we headed east on a dirt road - 23 km. to the town of Santos Reyes Papilo. We then went another 8 km. N.E to our 1st collecting site. At the main hwy. you are at ~ 750 m. - cactus desert to no trees - by ~ 1600 m. the cactus fall out & you start hitting oak - this then gradually grades in to pine higher up. At the 8 km. N.E Papilo locality, we were at 2670 m. & it was oak + pine w a few madrone + agave. this was a very pleasant slope w many good pine logs + stumps, and many rocks. Only Thorius were found by Jim + I - they were particularly abundant beneath wet bark of logs. As per usual, a good way to get them is beneath bark on the ground-side of fallen logs. - also inside of semi-rotten log can be good. Rolling rocks produced nothing - it was always too dry. We worked this slope for a couple of hours, then moved on further along the ridge. By the time we hit our 1st locality, we were essentially at the top of the crest - perhaps not quite to it. We next went over the top + hit a locality on

B. Shyka

1976.

Journal

Vicinity Santos Reyes Papilo, Est. Oaxaca, Mexico.

15 Feb. the other side. this one was not as elevated, and had five stands of pine - unfortunately it is all a precipitous slope that is nearly impossible to work. We stoped for a minute at a turnout on the road that had a small wood-pile - I got 5 Thorius out of it - 4 out of from under a branch not over 3" in diameter. We then turned around & decided to hit one more in the vicinity locality - we chose one 11 km. N.E. from Santos Reyes Papilo. This one has a small stream running by the road, & a steep slope rises away from it. It is much like the 1st locality - pines + an occasional oak. Again by rolling logs, etc. I got several Thorius, as did Jim. I then worked one large (~ 2' diameter) log - peeling bark & rolled it & got ~ 15 more. Then by splitting the log along its pre-formed cracks I got at least 15 more - It was literally packed w Thorius. Also under the bark of this log I got one small, all-black Pseudoeurycea - no others were seen. The log certainly had many more Thorius, but we took off - a long drive back in the dark on a treacherous road.

3rd Stauffer

1976

Journal

Vicinity Zoquitlán, Est. & Puebla, Mexico

16 Feb. Zoquitlan, like Santos Reyes Papalo, is another mountain town off of Mex. Hwy 131, and is very similar in habitat type. Again you start at low coctes desert; move up to pine-oak, always ~~bushy~~ fairly dry. We drove in on the dirt road out of Coxcatlán about 14 km., then walked & hitchhiked into Zoquitlán, another 16 km. or so. We planned to walk another two kms, & work good pine slopes, but the area is wet over for many kms. past town. Therefore, we decided to head back out & work a few good patches of woods that we saw. The area is big in large very wet over pine forest, w few good areas left. However, far to the east past town there are still extremely extensive stands of trees - good for a future foray. In town I saw some tadpoles in a pool in a stream in front of a mans house - we took 30 or so, & I still have a few alive - hopefully they will transform. We then headed out of town - it was at least 75°F (~~maybe~~ maybe up to 85°?) & walked ~ 9 kms. to our 1st stop - a south-facing pine & oak slope at el. 2740 m. This was a fairly extensive stand - much cooler than cleared areas, w wet leaf litter, etc. I found Thorius in the normal

B. Shaffer.

1976.

Journal

Vicinity Jaquetlan, Est. Puebla, Mexico.

16 Feb. way - under leaf litter & peeling bark. However, I also found them very commonly under very small cover objects - logs + branches under 3" diameter. I also found this to be so at Cuajimalpa - under these objects in a small patch of damp leaves I might find several animals. I also chopped a few bromiliads, but got nothing. However, this entire area looks very fine for Anuria - however, not on a hot day. We pushed on & walked another area 1 km. further on the road - a very similar spot, but more exposed & drier. We each got a few Thorius, then moved on. We managed to hitch a ride out the last few kms, & drove down out of the mtns. to camp.

~~17 Feb.~~

17 Feb. ## En Route to las Vigas, Est. Puebla + Veracruz, Mexico.

We took off early - wanted to work the localities around las Vigas, Veracruz, along the road. We drove W. on Hwy 131 thru Tehuacan, then took 125 (becomes Hwy 150) N.E. toward Veracruz. Headed thru Azumbilla, and found ourselves back at Pocatodel Aire. We took a quick look at it, & got an entirely different perspective. Today it was dry, hot, & clear - no fog, not cold. It also looked like dry pasture land instead of drenched forest - we noticed

B. Stauffer

1976

Journal

En. Route to las Vigas, Edst. Puebla + Veracruz, Mexico.

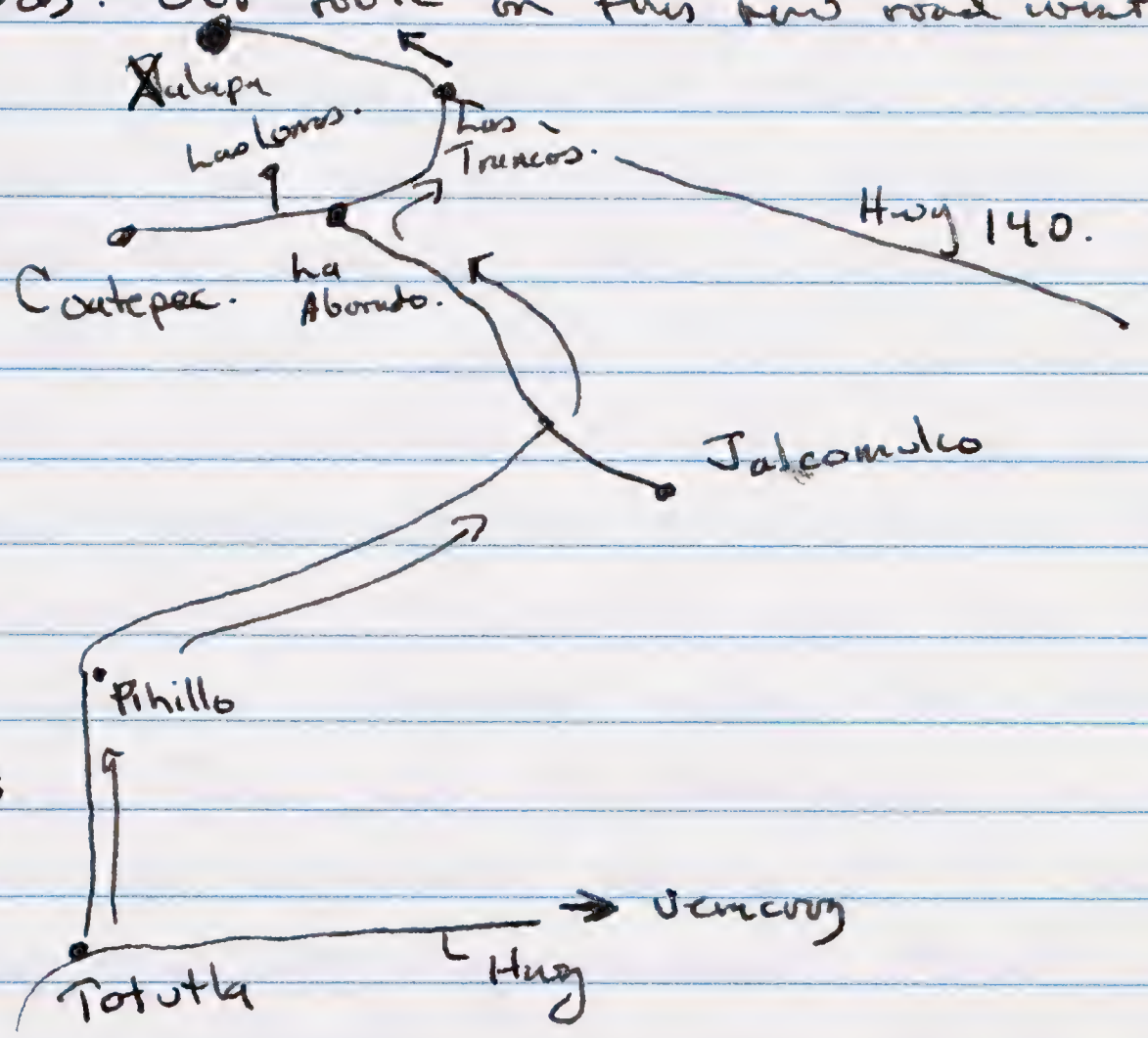
17 Feb. there are still many bromiliads we couldn't see before, & a good view of Orizaba - complete w snow. We continued on to Fortin, & we stopped at our old toad locality outside of town to look for more Bolitoglossa platydactyla. We got no salamanders, but did get another dark snake w orange neck-band, & a nice large red + black finged snake - both under the same stone. We ate then moved on - on the hwy to Huatsco. We passed thru a nice Cafetale on the west side of the road 5.0 km. N. of Huatsco, & stopped to poke around. It was very dry & hot, but Jim got 1 B. platydactyla under a log - nothing else was turned up. We left after ~ 1/2 hr. & moved on; at the turn of Totutla, we saw a new road that would cut many kms. off of our trip, so tried it - it is newly paved & fast - an excellent road. This area is very interesting - at first it was fairly mesic - much like the napa valley, w stands of oaks, pasture land, etc. w many Cafetales. However, after the town of Tlaltetela, it becomes much drier. The el. is 1150 m. & you start to hit more of Chaparral - few oaks, & lots of cleared land. The bottom of the valley is at 680 m. - here it

B. Shaffer

1976.

Journal

7 Feb. En Route to Las Vigas, Sst. Poeble + Veracruz, Mexico. is very dry in no trees. You cross the river, then head back up the N.W. side of the valley - by 900-1000 m. you are back into good-looking oak stands. Our route on this new road went as follows.



At the town of La Joya (past Jalapa) we stopped to work a pine slope - this area as in everything else up here is fairly thin pine & oak forest in little ground cover. We worked a lot of slope + got nothing - then at the bottom of the slope I got one small Pseudoeurycea bellii under a rock. There were a lot of volanic pumice rocks around - perhaps when it dries out the salamanders dig down into the rocks & so cannot be found. Also

J. Shaffer

1976.

Journal

17 Feb. En Route to las Vigas, Est. Puebla + Veracruz, Mexico.

at this area I got an all black snake (w iridescent red blotches on the ventr) under a rock by the roadside. We now decided to move on to the town of las. Vigas. It is very, very wet over up here, but we found a nice patch of pine on the outskirts of town. We worked this area, but there is very little to work - all branches up to ~ 10 ft. are cut, all ground cover is taken - & only a layer of pine needles remains - a very clean forest. I finally found a log, & Jim & I got ~30 Thorius out of it - mostly under bark. Also inside it Jim got 1 Bolitoglossa - in a rotten hole. We continued working, & I found a few new pine logs - under these Thorius were found just under the log. It got dark, so we ate in the town (lovely a great place) then camped by the roadside out side of town.

18 Feb. Las Vigas, and en Route Mexico City. - Mexico.

We decided to work one more locality, so chose an extensive block of pine forest 4 km. W. of Las Vigas, along Mex. Hwy. 140. This forest, as far as I could tell, is identical to that at the town, but there is more ground

3. Stauffer

1976

Journal

Las Vigas, en Route to Mexico City - Mexico.

Feb. logs + rocks to turn. However, for the most part it is still very picked over, cleared out forest. We worked 2 localities, one on the south side, one on the north. On the south side I got 2 of the Bolitoglossa (John Wright told us today they are actually Pseads - very bazarre!) under logs, & we found nothing else. Then in the cleared, open area by the road, under a few small hay piles, we found another 10 Bolits - often 3-4 per pile - it is dank & wet, & they are very abundant. Jim also got a snake + a Sceloporus in this area. We then crossed to the south side, looking for more animals - Jim got none, & I got none till the last few logs. In one log, under bark that peeled easily, but not rotten, I got 5 Chirps (?) about 40mm S-V - all brown & some flecks on the side. It has big feet, moves very quickly + can jump. I got two more in other logs, & that's it. We took off for Mexico City - only worked one locality along the way. This was our old Rio Frio locality, where we saw a few Sceloporus, but took nothing. It was much drier than it was 3 weeks ago - no way one could get a salamander around here today. We left after a short

B. Stratton

1976.

Journal

Las Vigas, en route to Mexico City - Mexico.

Feb. time + drove into Mexico City. Stayed at the hotel Agua Calientes - ate a fine meal on the street, packed, & split. Only one minor mishap - as Jim was driving into Mexico City, we got shaken down 2 times - once for $10 & once for $12.50 (Jim bargained him down from $20). thus ends a fine trip - no problem w customs or airline people & John Wright met us in h.A

Shaffer, B.

1976

catalogue

#589 #917

Costa Rica

rad Shaffer
1976

Catalogue

Beach from 3 miles North to 2 mi. South of Tortuguero town, Prov. Limon, Costa Rica.

- Aug 589. Chelonia mydas eggshell fragments.

(5) ~~570~~.

~~591~~

$ Beach from 3 miles N. to 2 mi. S. of Tortuguero town, Prov. Limon, Costa Rica.

July 590. Chrysemys scripta - 2 frozen vials

591. " " - 2 vial blood. frozen

592. Ameiva quadrilineata ?? 1 blood 1 viscera 1 Form. specimen.

593. Iguana iguana 1 bl. 1 vis. 1 Form.

594. Chrysemys scripta 1 liver, 1 visc. 1 blood

595. Kinosternon ~~leucostoma~~ ? angustipons 1 blood.

594 + 595 blood were in refrigerate for ~ 12 hours, so may not be good.

Hotel, 3/4 mile S. mouth of Rio ~~Tortuguero~~ Tortuguero, on W. side of river. Prov. Limon.

July 596. Bothrops atrox. beaten to death by hotel owner.

597. Dendrobates pumilio

598. leptodactylid frog. 1 visc.

599. leptodactylid frog. 1 visc.

600. colubrid snake. 2 visc 1 blood 1 form.

601 Pseutes shropshirei 1 blood

pickle = PMCR 7 at U. of Fla.

Brad Shaffer 1976

Catalogue.

Casa Verde, 3/4 mi. S. mouth of Rio Tortuguero, Prov. Limon, Costa Rica.

10 July 602. Rana palmipes - 1 vial pickle = m 105 (skeleton).
this is an all green Ranid, very similar to R. clamitans.

Hotel, 3/4 mi. S. mouth of Rio Tortuguero, on W. side of River, Prov. Limon, Costa Rica

21 July. 603. Drymobius margeritiferus - 2 visc 1 skin. 1 blood skel=
- blood in refrigerator ~10 hrs.

Hotel 3/4 mi. S. mouth of Rio Tortuguero. on W. side of River, Prov. Limon. C.R.

23 July 604. Hyla rufetela. 1 visc, 1 pickle
605. leptodactylid frog 1 visc. 1 pickle
24 July 606. ? Smilisca 1 visc., 1 blood, 1 pickle.

Mouth of Rio Tortuguero, Prov. Limon, C.R.

25 July. 607. Constrictor constrictor - 1 blood, 1 or 2 visc. 1 pickle.

8.3 mi. by rd. S.E. turnoff to La Cima, or 12.4 mi. by rd. S.E. Empalme, Prov. San Jose C.R.

2 Aug. 608. - 612. Bolitoglossa subpalmata. all frozen
613. Bolitoglossa subpalmata? form. - no red on legs.

B. Shaffer

1976.

Catalogue

6 km. S. mouth of Rio Tortuguero, on east side of river, Prov. Limon, Costa Rica.

30 ~~Aug~~ July 614. Oxybelis aenus - 1 blood, 1 visc. 1 skin.
(probably Leptophis - H. W. Greene)

Hotel, 3/4 mi. S. mouth of Rio Tortuguero, on W. side of river, Prov. Limon, C.R.

25 July 615. Sibon nebulata [redacted] 1 visc., 1 skin.

3/4 mi. S. mouth of Rio Tortuguero, in front of Green Turtle Station. Prov. Limon, C.R.

28 July 616. Kinosternon leucostomum 1 blood skel. = 2 visc.

8 Aug. 617. Chelonia mydas - 1 vial blood only.

Hotel, 3/4 mi. S. mouth of Rio Tortuguero, on W. side of river, Prov. Limon, C.R.

10 Aug. 618.-636. Dendrobates pumilio frozen entire
637. leptodactylid frog - 1 pickle

Beach between mouth of Rio Tortuguero & town of Tortuguero, E. side of river, Prov. Limon, C.R.

11 Aug. 638. Chelonia mydas - 2 vials serum.
639. Basiliscus vittatus - 1 visc, [redacted], 1 pickle.

Camp building, 2.5 mi. S. mouth of Rio Tortuguero, on E. side of river. Prov. Limon, C.R.

13 Aug. 640. Anolis sp. ♂, 1 pickle, 1 visc.
641. Anolis sp. 1 pickle

B. Shaffer
1976

Catalogue

Hotel, 3/4 mi. S. mouth of Rio Tortuguero, on W. side of river. Prov. Limon, C.R.

1 Aug. 642. Sibon nebulata: - died in captivity
1 Aug. 643. Imantodes "

Beach btw. mouth of Rio Tortuguero & town of Tortuguero, on E. side of river. Prov. Limon, C.R.

14 Aug. 644. Chelonia mydas 1 vial blood. sat in refrig. ~24 hrs.
645. Ameiva quadralineatus - 1 visc. 1 pickle.
646. Chelonia mydas - 1 vial blood.
16 Aug. 647. Chelonia mydas - 1 vial serum (lg.)
18 Aug. 648. Chelonia mydas - 1 vial serum (lg).
19 Aug. 649. Chelonia mydas - 1 vial serum (lg).

Hotel. 3/4 mi. S. mouth of Rio Tortuguero. on W. side of river. Prov. Limon, C.R.

16 Aug. 650. leptodactylid adult ♀ w eggs — 1 vial. visc. 1 pickle.

Puerto Moin, [redacted] Prov. Limon, C.R.

651. Bufo — 1 visc, 1 pickle.
652. Anolis — 1 visc., 1 pickle. adult ♂ - enlarged testes. yellow dewlap.

Beach btw. mouth of Rio Tortuguero and town of Tortuguero on E. side of river, Prov. Limon.

20 Aug 653 - [redacted]. 656. - Chelonia mydas - serum - all sat on ice 12 hrs.
22 Aug 657. - 663. Chelonia mydas (serum)

B. Shaffer
1976

Catalogue

Approx. 2 mi. N.W. Green Turtle Station, on banks of Canya Palma Creek, Prov. Limon, C.R.

22 Aug. 664. Rhadinea decorata - 1 pickle, 1 skin.

~~665.~~ ~~leptodactylid frog. entire frozen.~~

Turtle mountain, ~ 1/2 mi. W. mouth of Rio Tortuguero, Prov. Limon, C.R.

23 Aug. 665. leptodactylid frog. whole carcass frozen

" 666. " pickle only

" 667. " "

Beach, ~~reef~~ 3/4 mi. S. mouth of Rio Tortuguero, on E. side of river. Prov. Limon, C.R.

25 Aug. 668. Constrictor constrictor 1 blood 1 visc. 1 pickle

Turtle Mtn., ~ 1/2 mi. W. mouth of Rio Tortuguero Prov. Limon, C.R

24 Aug. 669. leptodactylid frog. 1 visc. 1 pickle.

Beach, btw. mouth of Rio Tortuguero and town of Tortuguero, Prov. Limon, C.R.

25 Aug. 670. Chelonia mydas hatchling. Dead on beach

671. " "

672. " "

26 Aug. 673. " "

674.-681. Chelonia mydas - 1 lg. vial each serum - heart punct.

B. Shaffer.
1976.

Catalogue

Hotel 3/4 mi. S. mouth of Rio Tortuguero, on W. side of river, Prov. Limon, C.R.

25 Aug.	682.	leptodactylid frog.	1 visc, 1 pickle.
	683.	lepto dac. sm, -brown. ~ 10 eggs.	1 visc. 1 pickle

Beach btw. mouth of Rio Tortuguero & town of Tortuguero, Prov. Limon, C.R.

26 Aug.	684. Caretta caretta		1 vial serum only,
28 Aug.	685. Dermatochelys	coriacea	2 visc. 1 pickle, 1 blood + 1 hemolysate
	686.	"	eggshell fragments.
	687.	"	dead embryo, from nest.
	688.	"	"
	689.	"	2 visc. 1 hemolysate 1 blood. 1 pickle.

Hotel, 3/4 mi. S. mouth of Rio Tortuguero, on W. side of river, Prov. Limon, C.R.

July	690	leptodactylid	died in captivity.

Beach btw. mouth of Rio Tortuguero & town of Tortuguero, Prov. Limon, C.R.

30 Aug.	691. Chelonia mydas	-	hatchling dead on beach

Turtle Mountain, ~ 1/2 mi. W. mouth of Rio Tortuguero, Prov. Limon, C.R.

31 Aug.	692. Sphearodactylus	lincolatus?	

B. Stauffer
1976.

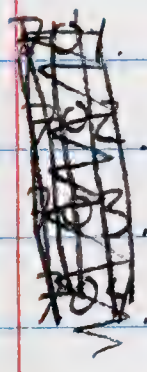
Catalogue

Garden in Downtown San Jose, Prov. San Jose.

Sept. 693. Anolis lionotus ?? ♂. orange-yellow dewlap. 1 visc, 1 pickle.

"Chompipe" vicinity of Vulcan Barba, Prov. Heredia, C.R.

Sept. 694. Atelopus senex ♀. 1 visc., 1 pickle.
695. "
696. "
697. "
698. "
699. "
700. pooled blood of ~~senex~~ - frozen - very little.



Rd. btw. San Ramon and San Lorenzo, ~~.5~~ 13.3 km N. San Ramon, Prov. Alajuela C.R.

Sept. 705. Eleutherodactylus fitzingeri ~~lept. frog~~ - entire freeze. ~~pickle~~.

Rd. ~~btw.~~ San Ramon & San Lorenzo, 15.5 km. N. San Ramon, Prov. Alajuela, C.R.

8 Sept. 706. Ninia maculata 1 visc, 1 pick.
707. Conophis "
708. gekkonid lizard 1 visc. 1 pickle

B. Shuffas

1976

Catalogue

Rd. btw. San Ramon & San Lorenzo, 13.3 km. N. San Ramon by Rd. Prov. Alajuela, C.R.

709. Anolis limifrons or lionatus. ♀ ♂ 1 egg. 1 v. 1 p.

710. Bufo coniferus (juvinille) entire freeze.

711. Chiropterotriton picadoi entire freeze.

Rd. Btw. San Ramon & San Lorenzo. 24.3 km. N. San Ramon, Prov. Alajuela, C.R.

? Sept. 712. Rana palmipes ?

Rd. Btw. San Ramon & San Lorenzo, 15.8 km N. San Ramon.

8 Sept. 713. Anolis humilis? pickle only.

"Chompipe" vicinity of Vulcan Barba, Prov. Heredia, CR

1 viisc, 1 pickle, 1 blood.

Sept. 714. Rana vibicana

715. Hyla rivularis ? ♀ eggs. ♂ 1 visc. 1 pickle 1 v. 1 p.

716. Anolis

717. " immature - only pickle

718. 1 v. 1 p.

719-722. Eleutherodactylus pauviciferus (sp.) entire freeze

723. Eleutherodactylus angelicus

724-725. Oediping poeltzi entire frozen.

. Shaffer
1976.

Catalogue

Parque Bolivar N. side of city of San Jose, Prov. San Jose.

10 Sept. 726. Centrolenna — frozen, w/o #, but locality.

University of Costa Rica campus, in city of San Pedro, prov. San Jose.

10 Sept. 727. - 729. Centrolenna — frozen entire. 3 in 1 tube.

730 - 731. Centrolema — pickle.

In town of Cahuita, 40 km. S. town of Limon, Prov. Limon C.R.

11 Sept. 732 - 735. Centrolenna — 1 frozen 1 pickle each.

736. Imantodes — 1 visc, 1 bl. 1 pickle & 1 single egg.

In chocholate fields, ~ 1 km. N.W. town of Cahuita, Prov. Limon.

13 Sept. 737 - 740. Dendrobates auratus — 1 frozen 1 pickle each.

741. Dendrobates auratus — 1 pooled blood sample.

742 - 743 " — only pickle.

Swamp, on Eastern edge of town of Cahuita, Prov. Limon.

12 Sept. 744 - 746. Hyla ebricata — 1 visc. 1 pickle

747. " — pickle only.

748. hylid — 1 visc. 1 pickle

749. " — "

750. " — "

Rd. btw. San Ramon + San Lorenzo, 13.2 - 15.8 km N.
San Ramon, Prov. Alajuela, C.R.

756. hylid frog. 8 Sept. 1976

B. Shaffer
1976.

Catalogue

Swamp, on Eastern edge of town of Cahuita, Prov. Limon.

12 Sept.	751.	hylid	1 visc., 1 pickle
	752.	"	"
	753.	"	"
	754.	Centrolenna	pickle only
	755.	hylid	"
← Jean vicinity amon, on 8 Sept.	756 - see below - hylid frog.		1 pick. 1 visc.
	757.	frog	"
	758.	Agalychnys calydryas -	"

Punta Cahuita, ~ 2 km. S. of Entrance to Cahuita Nat'l. monument, Prov. Limon.

12 Sept.	759.	gekkonid	1 visc., 1 pickle
	760.	Sphaerodactylus ?	entire frozen.
	761.	Anolis	1 visc., 1 pickle.

2 km. S. E. town of Barranca, Prov. Puntarenas, Costa Rica.

18 Sept.	762.- 764.	Hyla	? small, tan-brown 1 visc. 1 pickle each.
	765.	Hyla	1 blood, 1 visc., 1 pickle.

In the town of Monteverde, at night, Prov. Puntarenas

19 Sept.	766	Centrolenna	1 visc., 1 pickle.
	767.	"	entire frozen
	768.	"	1 visc., 1 pickle.
	769.	Hyla	

B. Shaffer

1976.

Catalogue

In the town of Monteverde, at night -
Prov. Puntarenas

19 Sept.	770.	Anolis	1 pickle 2 eggs 1 visc 1 blood.
	771.	Anolis	1 visc. 1 pickle.

Monteverde cloud forest reserve, Prov. Puntarenas
Costa Rica. el. ~ 1500 meters.

0-21 Sept.	772.	Atelopus varius	1 visc. 1 pickle.
	773-778.	"	entire frozen

Town of Monteverde, at night, Prov - Puntarenas
Costa Rica.

			780 - entire freeze
20 Sept.	779.-781.	Centrolenna.	1 visc 1 pickle
	782-783.	Hyla	

note - these are the same as 766-769.

Monteverde cloud forest reserve, Prov. Puntarenas
Costa Rica.

20 sept.	784.	leptodactylid frog	1 visc. 1 pickle

Monteverde, on road to cloud forest reserve, & in reserve.
Prov. Puntarenas. C.R.

21 Sept.	785.	leptodactylid frog	1 visc. 1 pickle
	786.	"	"
	787.	"	"

note - 784-786 are all the same
787 - red in life.

J. Shaffer
1976

Catalogue

Montevende, on road to cloud forest, and in cloud forest reserve, Prov. Puntarenas C.R.

21 Sept.
788. Anolis — pickle only
789. Anolis — "
790 Anolis — 1 visc., 1 pickle
791. Anolis — "
792. Anolis — "
793. Anolis — "
794. Sceloporus malachiticus ? — " adult ♂ bright green.
795. Bolitoglossa — pickle only.

"La Pacifica" hotel grounds, ~ 8 km. N. Las Juntas, Prov. Guanacaste Costa R.

24 Sept.
796 Ctenosaura — ig. liz. unlabeled, frozen — died in can.

23.6 km. N. Cañas on Pan Am. Hwy. by rd.↑, Prov. Guanacaste C.R.

25 Sept.
797. Kinosternon — alive.
798. Leptodeira — colubrid. "

7.7. km. E. Cañas on Rt. 19 Guanacaste. Prov.

25 Sept.
799. — Typhlopidae - died.

Intersection Pan Am. Hwy. x Rt. 145, in drainage ditch by gasoline station, Prov. Guanacaste

25 Sept.
800. Rana — alive
801. " — "

B Shaffer
1976

Catalogue

Intersection Pan Am. Hwy x Rt. 145, in drainage ditch by gasoline station, Prov. Guanacaste

25 Sept. 803. ~~Bufo~~ ?? Physalaemus pustulosus " Bed Springs "
804. " " "
805. " " "

2 km. E. town of Barranca, Prov. Puntarenas, C.R.

28 Sept. 806. Hyla — Same as 762-4 — lp. lv.
807. " — " — "
808. " — " — "

Along rd. to Bajo la Hondura, from continental divide N. to Town of Bajo la Hondura, Prov. Heredia

27 Sept. 809. leptodactylid — lv. lp.
810.
811.
812.
813.
814. — entire freeze
815.
816. Geophis ? zeledoni — alive.
817. " — frozen w/ out label - died.
818. Anolis — "
819. " — "

B. Stauffer
1976.

Catalogue

16.2 km. N. El Empalme, along Pan Am. Hwy, Prov. - San Jose C.R.

28 Sept.

820. Rana pipiens ♀ frozen, no label. 8 in 5 vials.
821. " tads. frozen. 5-
822 " " - form.

Vicinity El Empalme, along Pan. Am Hwy., Prov. - San Jose C.R.

28 Sept.

823. Bolitoglossa alive at night. Rd. bank.
824.
825.
826.
827.
828.
829.
830. Anolis 1 mature egg 1 v. 1 p
1 immature egg.
831. Anolis ♂ enlarged testis red dewlap. "
832. Anolis " "
833. Anolis smaller ♂ "
834. Eleutherodactylus sp. leptodactylid frog Alive
835. "

9.8 km. S.W. San Isidro General, on rd. to Dominical, Prov. San Jose C.R.

29 Sept.

836. colubrid 1 v. 1 p.
~~837.~~
~~838.~~

B. Shaffer
1976

Catalogue

Peak Cerro de la Muerte, by roadside church, ~ 6 km.
N. "La Georgina" restaurant, Prov. San Jose

29 Sept.

837. Bolitoglossa subpalmata. frozen entire
838.
839.
840.
841
842.
843
844.
845.
846.
847.
848.
849.
850.
851.
852.
853.
854.
855.
856.
857. B. subpalmata. alive
858.
859.
860.
861.

J. Shaffer
1976

Catalogue

Peak Cerro de la Muerte, by roadside church ~6 km.
N. "La Georgina" restaurant. Prov. San José.

9 Sept.

862. Bolitoglossa subpalmata alive
863
864.
865.
866.
867.
868. Bolitoglossa subpalmata pickled.
869.
870
871.
872.
873.
874.
875.
876.
877.
878.
879.
880.
881.
882.
883.
884.
885.
886.

B. Shafer
1976

Catalogue

16.2 km. N. El Empalme, along Pan Am. Hwy.
Prov. San José

30 Sept. 887. Rana pipiens — no label. frozen entire.
888.
889.
890.
891.
892.
893.
894. Rana pipiens — alive
895.
896.
897.

I.C.E. plant in town of Rio Mucho, on Tapanti road., Prov Cartago

0 Sept. 898. Rana pipiens — frozen entire. white paper label.
899.
900.
901.
902.
903.
904.
905.
906.
907.
908.

B. Shaffer
1976.

Catalogue

I.C.E. plant in town of Rio Macho, along Tapanti rd., Prov. Cartago

30 Sept. 909. Rana pipiens — white paper label. frozen entire
910. Bufo hematiticus — bufonid - black. white paper frozen entire
911.
912.
913.
914. — same - alive.

Within the I.C.E. Tapanti reserve, along main road to damn, Prov. Cartago

30 Sept. 915. Geophis zeledoni — alive.

Green Turtle Station, 3/4 mi. S. mouth of Rio Tortuguero, on E. side of river, Prov. Limon, C.R.

16 Sept. 916. Kinosternon — alive.

3 July 917. — caecillian — died - frozen w no #.

Shaffer, B.

1976

Journal

(incomplete)

Costa Rica

1976
B. Shaffer.

Journal.

8 Sept. We've been in San Jose, staying at the Tala Inn & getting things together. Doug Robinson at the University has been very helpful - spent a lot of time going over localities, etc. We have also hooked up w Hugh Rouwell, from Berkeley, & are going collecting for a couple of days w him. Today we got a car from O.T.S. (Land Rover $20.00 day, .16/km.) & went out to San Ramon. We went down Hwy. 1 west to San Ramon, & took the exit due North. There are 2 roads, we took the one to Angeles Norte. It is dirt, but not bad at all. We were looking for good spots both for herps & grasshoppers & so stopped at various spots. The 1st one was 13.3 km. N. San Ramon, where I got 1 leptodactylid frog. The spot was dry & not much good, so we went on. At 15.5 km N. San Ramon we stopped again. Hugh found a new species of grasshopper, so we stayed a couple of hours. There was a good patch of rainforest to the W. of town, which Louise & I worked for about 1/2 hour - unfortunately nothing showed up. We then started to walk along the road - at first just looking, then peeling moss. All the other stuff came out of the stones - except the 2 snakes, one of which Louise saw in a clearing & one which I removed from a log. Only one

Journal

San Ramon trip.

8 Sept. Salamander was ~~seen~~ caught - the Chiropterotriton picatoi. Louise saw an Oediping, but lost it. We finally picked up & went up the road a few tenths of a km. to look for more stuff, but nothing showed up. We decided to make one more foray, & went far along the road to a spot 24.3 km N. of San Ramon, near the Rio Cataratas. There was a pool with several Rana palmipes in it near the top of the road, but I could only get one - god only knows where they all got off to. At this point it was getting dark, so we turned around & headed back. My feeling is that this would be a good spot if you are willing to do a lot of work for low yield returns.

9. Sept. ## Vulcan Barba area.

We rented another car, and this time went to a place called "Chompipe", which means turkey in spanish. This is the site of Atelopus senex, a frog that I want very much. A student of Robinsons, one Uriel ———— is working on them, so we went together. We went due N. out of S. Jose on Hwy 1 to Heredia, then took Hwy 9 toward Barba. Get on Hwy 114 toward San Jose de la Montaña and just keep going. the road goes over the crest of

Journal

Vulcan Barba Area

9 Sept. the mountains, and toward the Atlantic slope. Our first site was over the top to the end of the road. We then walked about 2-3 km. and worked the forest that is all around. A. serex is very common, but unfortunately we had to let a lot of them go - it is Uriel's study site. We did get 6 which I processed, & I would like more. We got several other frogs, including a good series of El. pauvicitenus, which are very common. As far as salamanders go, we got 2 Oediping. I saw one in the woods while looking for Atelopus. It was under a log, & only the tip of its tail stuck out. It was very fast & hard to catch, but I finally got it - a large adult poeltzi. Uriel said that he had never seen one in the woods before, but my feeling is that he never looked. Anyhow, the area is nice, & worth going back to - lots of nice mossy slopes for Oediping. We then came back over the crest & worked the pacific slope a bit - & got one more poeltzi on the other side - so they do occur on both sides. It was late, so we headed back for the Tala Inn. a good day.

Journal

San Jose area -

10 Sept. There is a small green Centrolennid that lives all around town in San Jose, & I had errands to run today. So at night we went to the University to look for them. They are very small, & the call is a short chirp. To find them Louise & I worked low shrubs, bannana plants, etc., especially near streams. A good way seems to be to work the sweet ginger plants near streams. We picked up 5 in about 2 hours, & went home.

Town of Cahuita, Prov. Limon.

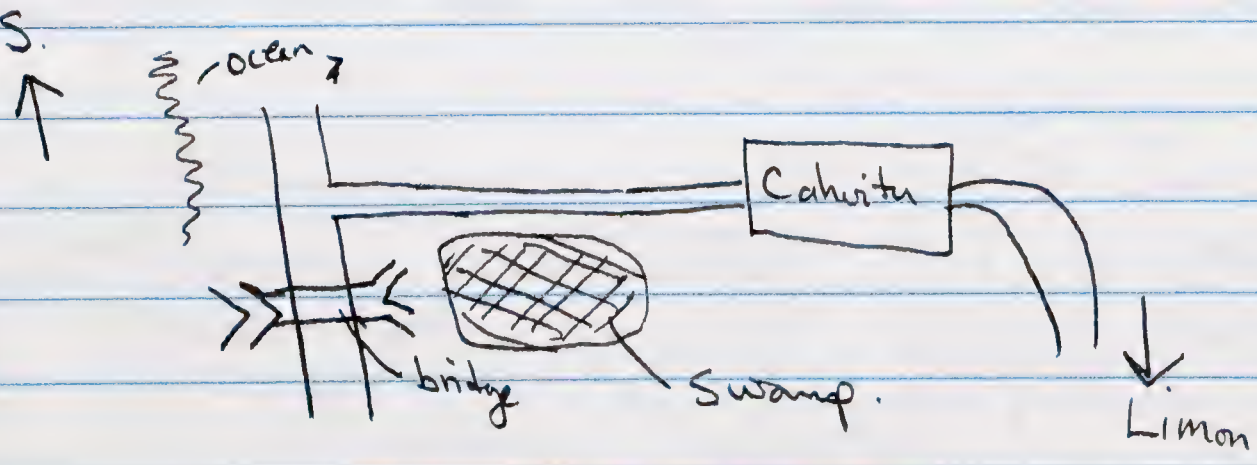
11-13 Sept. We finally got out of San Jose & took the Lacsa flight to Limon. From there, it's a short (~1 hr.) bus ride south to Cahuita, 40 km. S. of Limon. The area is all pretty cut over - chocholate fields predominate the landscape, with the normal coconuts on the beach. We stayed with a guy named George Humphreys (5 colones/night/person) & ate in town. We arrived fairly late, & so ~~that~~ the 11th went out at night. A very small Centrolennid was calling - both in the woods & down by the beach - really close to the water. We worked low shrubs, bannanas, & sweet ginger, & got 4 in a couple

Journal.

Cahuita, Prov. Limon.

11-13 sept. of hours. Also, on a low coconut branch about 20 ft. from the ocean, I got an Imantodes in a tree. That was all for that night, although I heard a good frog chorus near town.

On the 12th we went down to the actual National Park of Cahuita. It is a point with a coral reef & white sand beach- really a beautiful place. While walking along the beach, Ameiva quadrilineata were abundant, as were Basilliscos vittatus. I took 1 Anolis & 2 gekkonids from a couple of trees, & saw many more which I missed. I imagine the area is good for lizards, but I wanted to respect the park boundaries as much as possible. We headed back in the afternoon, ate, & planned to go out at night. That night we went back to the swamp where the chorus was going on.



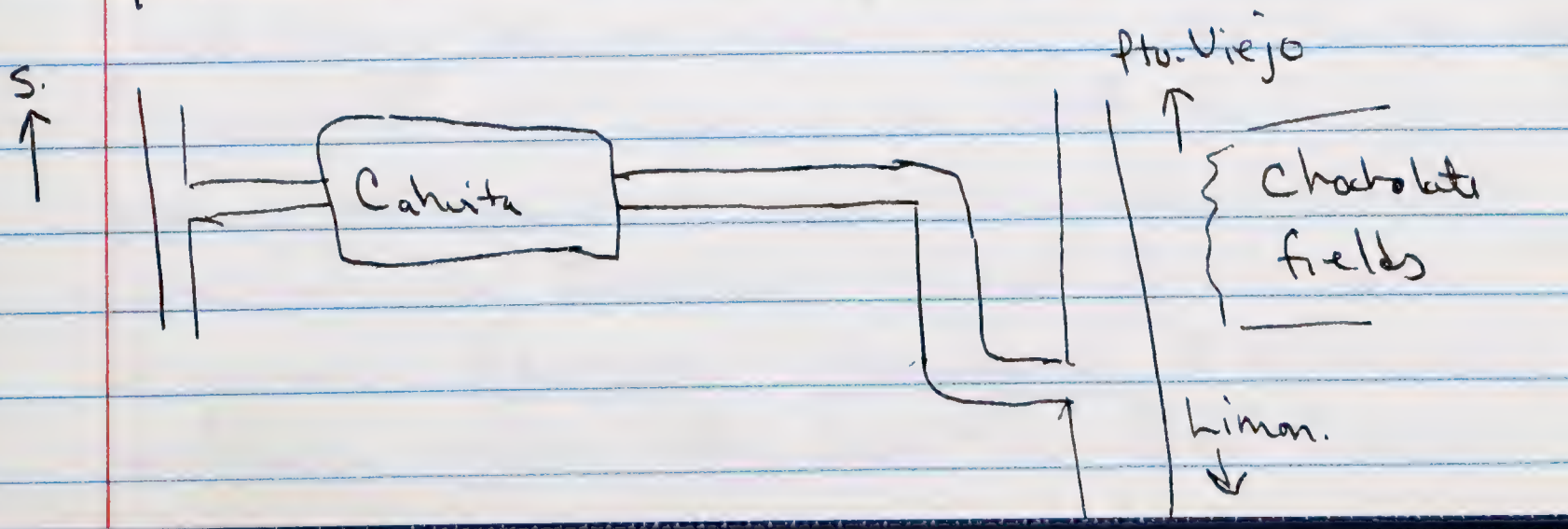
Journal.

11-13 Sept.

~~Hot~~ Cahuita, Prov. Limon

The place was in the midst of a large mixed chorus, which I worked for about 3 hours. There were for sure Hyla ebricata, Centrolenna sp. and Agalychnys calydryas, plus at least 2 other species, & maybe 3. I think I got everything that was calling. The frogs split up the march habitat pretty much by size of perch - the larger frogs on big reeds, smaller ones on blades of grass. The ebricata tended to be low, near the water, and very active. The Agalychnys was calling (a loud, metalic chick), from about 12 ft. up in a large tree - sitting on a big branch. There was another one in a nearby tree - but I couldn't find it. I took 14 frogs total, & saw a lot more.

We heard rumors that a black + green frog was inhabiting the chocholate fields near town, so the morning of the 13th we headed out there. It was pouring rain & we took off just outside of town. We lock for a long time + ~~too~~ found



Journal.

Cahuita, Prov. Limon.

11-13 Sept. nothing, then finally Louise got a Dendrobats auratus - really a beautiful frog. We finally got a total of 6, & by the end we discovered that they tend to stay around the large, ~~native~~ native trees that were still standing in the fields. These trees have big, plate-like roots, & the Dendrobats hang out near them. We found 1 frog for every 2-3 such trees. Finally the rain got too intense, & we left. We caught a bus to Limon, & spent the night at the Hotel Miami.

14-17 Sept. Tortuguero - Prov. Limón, C.R.

Louise + I decided to go to Tortuguero for a few days, to show her the sights. When we inquired, we found that Exaco is no longer flying to Tortuguero - the strip is too bad. Fortunately, Victoria still flys in, but not on the right days. So we chartered a flight - 50 ~~us~~ U.S. & we arrived in fine form. Basically, we spent 2 days just fooling around - showed Louise the turtles, etc. I went out the night of the 16th to the frog pond by the Casa Verde - some kind of Centrolenid was calling, but I couldn't find it. I did catch a juvenille Eleutherodactylus - angustopus, I think which is truely mellow. We left from Barra Colorado -

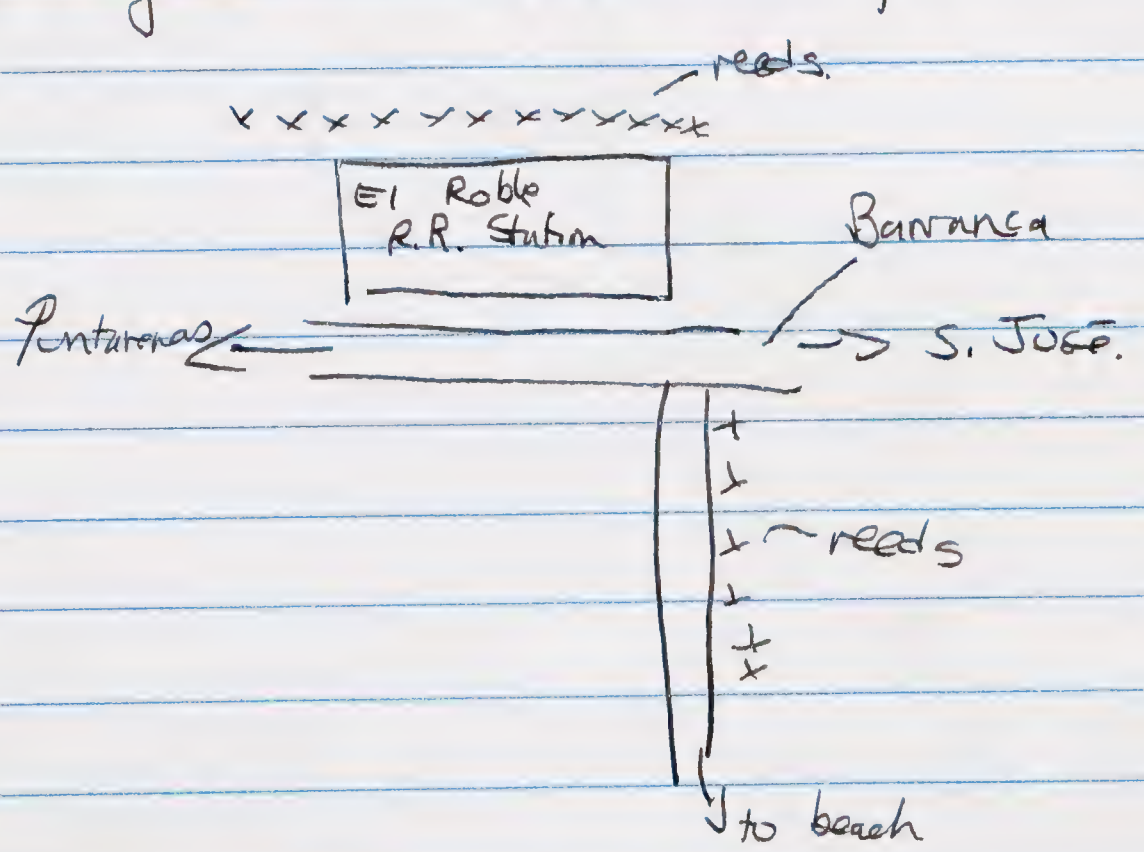
Journal

Tortuguero, Prov. Limon.

14-17 Sept. Durham took us up by boat which was neat- saw monkeys, a Guan, etc. & headed to San José.

Vicinity Puntarenas, Prov. Puntarenas, C.R.

18 Sept. Doug Robinson told me about a good place for Bolitoglossa striatula, so we headed there. The locality is near the town of Barranca at the Los Robles railroad station. Take the Pan Am Hwy west to the Puntarenas turnoff, then in on the road to the railroad station - the striatula are supposedly on the reeds at night.



I looked on 2 different occasions & found nothing, but it was extremely dry in all of Puntarenas + Guanacaste Provences. We did locate a small breeding pond for Hylids - I got 2 different species, & there was a ground Rnid that I missed.

B. Straffon
1976.

Journal

Vicinity Puntarenas, Prov. Puntarenas, C.R.

18 Sept. If the area is good for Striatula, it should be easy to work. There was also a large Ameiva, but I never got any, plus the usual iguanas, etc.

19-22 Sept. Monteverde Cloud forest, Prov.

Shaffer, B.

1977

Catalogue

#918 - #1462

Mexico

Guatemala

B. Shelton
P. Elias
1977.

Catalogue

2-5 mi. W. town of Sueco, on Mex. Rt. 10, Est. Chihuahua, Mexico.

17 June. 918. Heterodon ? D.D.R.

919. Tantilla "

80-150 mi. N. of Nieves turnoff. on Mex. Rte. 49, Est. Durango.

18 June 920. Crotalus ~~scutlatos~~ scutulatos

10.5 mi. N. of Nieves turnoff, on Mex. Rt. 49, Est. Zacatecas. el. 6500 ft.

18 June. 921. Crotalus. scutulatos

At. turnoff to Nieves, on Mex. Rt. 49, Est. Zacatecas, el. 6250.

18 June. 922. Crotalus scutulatos

8-10 mi. N. Delicias, on Rt. 45, Est. Chihuahua, Mexico. el. 3580.

17 June. 923. Thamnophis

Pond ~ 1/4 mile E. Rio Frio, on old road to Puebla, Est. ~~Oax.~~ Mexico, Mexico. el. 9300 ft.

21 June 924. Hyla - 1 vial tissue, 1 carcass

925. " "

926. " "

927. " "

B. Shaffer
P. Elias

1977.

Catalogue

Pond, ~1/4 mi. E. Rio Frio, on old Rd. to Puebla, Est. Mexico, Mexico el. 9300 ft.

21 June	928.	Hyla	1 tissue, 1 carcass
	929.	"	"
	930	Hyla	pickle only
	931	"	"
	932	"	"
missing? →	933.	"	"

1 mi. W. Rio Frio, on old rd. to Puebla, Est. Mexico, Mexico. el. 9500 ft.

21 June	934.	Pseudoeurycea leprosa	pickle
	935.	"	"
	936.	Eumeces	1 tissue, 1 pickle.

Pond, ~1/4 mi. E. Rio Frio, on old rd. to Puebla, Est. Mexico, Mexico. el. 9300 ft.

3 June	937.	Thamnophis	1 pickle, 1 tissue.

170.3 mi. N. jct. Inter-Am. Hwy. & Nieves rd. on Inter-Am. Hwy, Est. Durango, Mexico.

18 June	938.	Phrynosoma	

27.3 mi. N. Tehuantepec, on Mex. Hwy. 195, (Inter-Am. Hwy) Est. Oaxaca. el. 900 ft.

22 June.	939.	Angistimops pustulosus	1 tissue, 1 pickle
	940.	"	"
	941.	"	"

B. Shaffer
P. Elias

1977.

Catalogue

27.3 mi. N. Tehuantepec on Mex. Hwy. 195,
(Inter-Am. Hwy.) Est. Oaxaca, Mexico. el. 900 ft.

2 June
942. Angistomops pustulosus 1 tiss. 1 pick.
943. "
944. Bufo
945. Bufo marinus
946. Bufo
947. Bufo

16 - 23 mi. N. Tehuantepec, on Mex. Hwy. 195,
(Inter-Am. Hwy.) Est. Oaxaca, Mexico. el. ~900 ft.

22 June
948. Bufo. 1 tiss. 1 pickle
949. Bufo marinus
950. Bufo "
951. Bufo. "
952. Bufo "
953. Bufo marinus
954. "
955. "
956. "
957. Bufo
958. Bufo.

4.7 mi. N. Tehuantepec, on Mex. Hwy. 195,
(Inter-Am. Hwy) Est. Oaxaca, Mexico. el. 500 ft.

27 June
959. Constrictor constrictor blood, tiss. pick.

B. Shaylor
P. Elias

1977.

Catalogue

27.3 mi. N. Tehuantepec, on Mex. Hwy. 195 (Inter-Am. Hwy.) Est. Oaxaca, Mexico. el. 900 ft.

2 June

942. Angistomops pustulosus 1 tiss. 1 pick.
943. "
944. Bufo
945. Bufo marinus
946. Bufo
947. Bufo

16 - 23 mi. N. Tehuantepec, on Mex. Hwy. 195, (Inter-Am. Hwy.) Est. Oaxaca, Mexico. el. ~900 ft.

22 June

948. Bufo. 1 tiss. 1 pickle
949. Bufo marinus
950. Bufo
951. Bufo. "
952. Bufo "
953. Bufo marinus
954. "
955. "
956. "
957. Bufo
958. Bufo.

4.7 mi. N. Tehuantepec, on Mex. Hwy. 195, (Inter-Am. Hwy) Est. Oaxaca, Mexico. el. 500 ft.

12 June

959. Constrictor constrictor blood, tiss. pick.

B. Shapley
P. Elias

1977

Catalogue

~2 mi. S. Tehuantepec, on rd. to Salinas Cruz,
Est. Oaxaca, Mexico, el. 400 ft.

22 June. 960. Bufo.

3.2 mi. S, Tehuantepec, on rd. to Salinas Cruz,
Est. Oaxaca, Mexico. el. 300 ft.

22 June. 961. Loxocemus sumichrasti blood, tiss, pick.

2.3 mi. S. Tehuantepec, on rd. to Salinas Cruz,
Est. Oaxaca, Mexico. el. 300 ft.

22 June 962. Trimorphodon

16-23 mi N. Tehuantepec, on Mex. Hwy. 195
(Inter-Am. Hwy.) Est Oaxaca. Mexico. el. ~900 ft.

22 June. 963. Bufo marinus.

Montaña Madron, km. # 314, [redacted] mi. S.
San Juan Ixcoy on Huehuetenango - Barillas Rd, Dept.
Huehuetenango, Guatemala. el. [redacted] 9160 ft.

25 June. 964. Bolitoglossa rostrata frozen
965. " "
966. " "
967. " "
968. " "
969. " "
970. " "
971. " "

B. Stuffs
P. Elias

1977.

Catalogue

Montaña Madrone, km. # 314 ~~3[redacted]8~~, 2[redacted] mi. S. San Juan Ixcoy, on Huehuetenango - Barrillas road, Dept. Huehuetenango, Guatemala. el. 9[redacted]. 9160 ft.

5 June.	972.	Bolitoglossa rostrata	frozen
	973.	"	"
	974.	"	"
	975.	"	"
	976.	"	"
	977.	"	"
	978.	"	"
	979.	"	"
	980.	"	"
	981.	"	"
	982.	"	"
	983.	"	"
	984.	Chiroterotriton cuchumatanus	"
	985.	"	"
	986.	"	"
	987.	"	"
	988.	"	"
	989.	"	"

4.5 mi. E. Todos Santos on Paquix - Todos Santos rd., Dept. Huehuetenango, Guetemala. el. 9550 ft.

25 June	990.	Bolitoglossa "omnivm sqctorum"	frozen
	991.	"	"
	992.	"	"

B. Sheffer
P. Elias
1977.

Catalogue

4.5 mi. E. Todos Santos on Paquix-Todos Santos rd., Dept. Huehuetenango, Guatemala el. 9550 ft.

5 June	993.	Bolitoglossa "omnium sanctorum"	frozen
	994.	"	"
	995.	Barisia moreleti (w 5 eggs)	1 pickle, 1 tiss.
	996.	"	"
	997.	"	"
	~~998~~.	~~[illegible]~~	

km. #311, at stream below Captzin, on Huhuetenango - Barillas rd., Dept. Huehuetenango, Guatemala. el. 9900 ft.

25 June	998.	Pseudoeurycea rex	frozen.
	999.	"	"
	1000.	"	"
	1001	"	"
	1002.	"	"
	1003	"	
	1004.	"	"
	1005.	"	"
	1006.	"	"
	1007.	"	"
	1008.	"	"
	1009.	"	"
	1010.	"	"
	1011.	"	"
	1012.	"	"
	1013	"	"

B. Stuffs
P. Elias
1977.

Catalogue

km. # 311, at stream below Captzin, on Huehuetenango-Barillas rd., Dept. Huehuetenango, Guatemala. el. 9900 ft.

June.	1014.	Pseudoeurycea rex.	frozen.
	1015.	"	"
	1016.	"	"
	1017.	"	"
	1018.	"	"
	1019.	"	"
	1020.	"	"
	1021.	"	"
	1022.	"	"
	1023.	Barisia moreleti	1 fiss, 1 pickle
	1024.	"	"
	1025.	"	"
	1026.	"	"
	1027.	Bolitoglossa rostrata	
	1028.	"	
	1029.	"	
	1030.	"	
	1031.	"	
	1032.	"	
	1033.	"	
	1034.	"	
	1035.	"	
	1036.	"	
	1037.	"	
	1038.	"	

B. Shyles
P. Elias
1977.

Catalogue

Km. #311, at Stream below Captzin, on Huehuetenango-Barillas rd., Dept. Huehuetenango, Guatemala. el. 9900 ft.

25 June.	1039.	Bolitoglossa rostrata.
	1040.	"
	1041.	"
	1042.	"
	1043.	"
	1044.	"
	1045.	"
	1046.	"
	1047.	"
	1048.	"
	1049.	"
	1050.	"
	1051.	"
	1052.	"
	1053.	"
	1054.	"
	1055.	"
	1056.	"
	1057.	"
	1058.	"
	1059.	"
	1060.	"
	1061.	"
	1062.	"
	1063.	"

B. Styles
R. Elias
1977

Catalogue

Km. *311, at stream below Captzin, on Huehuetenango-Barillas rd, Dept. Huehuetenango, Guatemala. el. 9900 ft.

25 June. 1064. Bolitoglossa rostrata

1065. "

1066. "

1067. "

1068. "

1069. "

1070. "

1071. "

1072. "

1073. "

1074. "

1075. "

1076. "

1077. "

1078. "

1079. "

1080. "

1081. "

1082. "

1083. "

1084. "

1085. "

1086. "

1087. "

1088. "

B. Stapleton
P. Ellas
1977

Catalogue

km. #311, at stream below Captzin, on Huehuetenango-Barillas rd., Dept. Huehuetenango, Guatemala. el. 9200ft.

25 June. 1089. *Bolitoglossa rostrata.*
1090. "
1091. "
1092. "
1093. *Pseudoeurycea rex.*
1094. "
1095. "
1096. "
1097. "
1098. "
1099. "
1100. "
1101. "
1102. "
1103. "
1104. "
1105. "
1106. "
1107. *Barisia moreleti*
1108. "
1109. *Sceloporus* (*grammicus* group?)
1110. "

B. Shaffer
P. Elias
1977

Catalogue

Montaña Madron, Km. #314, mi. S. San Juan Ixcoy, on Huehuetenango - Barillas rd., Dept. Huehuetenango, Guatemala. el. 9160 ft.

5 June. 1111. Chiropterotriton cuchumatanus.

1112. "

1113. "

1114. "

1115. "

1116. "

1117. "

1118. Bolitoglossa rostrata.

1119. "

1120. "

1121. "

1122. "

1123. "

1124. "

1125. "

1126. "

1127. "

1128. "

1129. "

1130. "

1131. "

1132. "

1133. "

B. Shaffer
P. Elias

1977.

Catalogue

~~Montana~~ 4.5 mi. E. Todos Santos, on Paquix-Todos-Santos rd., Dept Huehuetenango, Guatemala. el. 9550 ft.

25 June
1134. Bolitoglossa rostrata
1135. "
1136. "
1137. "
1138. "
1139. "
1140. "
1141. "
1142. "
1143. Pseudoeurycea rex.
1144. "
1145. "
1146. "
1147. Sceloporus (grammicus group?)

Madrone forest, at km. # 358 on Huehuetenango-Barillas rd., Dept. Huehuetenango, Guatemala. el. 9000 ft.

26 June
1148. Bolitoglossa rostrata.
1149. "
1150. "
1151. "
1152. "
1153. "
1154. "

B. Shaffer
P. Elias,
1977.

Catalogue

Madrone forest at km. #. 358 on Huehuetenango-Barillas rd, Dept. Huehuetenango, Guatemala. el. 9000 ft.

6 June. 1155. Bolitoglossa rostrata.

1156. "

1157. "

1158. "

1159. "

1160. "

1161. "

1162. "

1163. "

1164. "

1165. "

1166. "

Barillas, Dept. Huehuetenango, Guatemala el.

6 June. 1167. Winia sebae

~2 km. N.W. ~~Concepción~~ Concepción on Barillas-Chiblac rd. Dept. Huehuetenango, Guatemala. ~el. 4000 ft.

27 June. 1168. Micrurus elegans

1170. stomach contents of 1168.

1171. Micrurus elegans

B. Shaffer
P. Elias
1977.

Catalogue

Pond, 100 yards s. Rio Barillas, adjacent Barillas, city, Dept. Huehuetenango, Guatemala. el. 1459 m.

28 June. 1172. Rana pipiens - larva frozen entire.

1173. "

1174. "

1175. "

1176. "

1177. "

1178. "

1179. "

1180. "

1181. "

1182. "

1183. "

1184. "

1185. "

1186. "

1187. "

1188. "

1189. "

1190. "

1191. " plus carcass.

1192. Rana pipiens 1 pickle, frozen tiss.

1193. " "

1194. Ninia sebae "

1195. " "

1196. " "

B. Stoffer.
P. Elias.
1977.

Catalogue

Pond, 100 yards S. Rio Barillas, adjacent Barillas city, Dept. Huehuetenango, Guatemala. el. 1459 m.

28 June. 1197. Ninia sebae — Visc. + Pickle.
1198. " — "
1199. " — "
1200. Bufo bocourti — "
1201. " — "
1202. " — "
1203. " — "

Finca La Florida, ~2 miles N.E. Barillas on Barillas-Chiblac rd, Dept. Huehuetenango, Guatemala. el. 1500m.

28 June. 1204. Ninia sebae — Visc. + pickle
1205. " — "
1206. " — "
1207. " — "
1208. " — "
1209. " — "
1210. Adelphicos quadrivirgatus ~~sp.~~. — "

Pond, 100 yds. S. Rio Barillas, adjacent Barillas city, Dept. Huehuetenango, Guatemala, el. 1459 m.

29 June. 1211. — fish - frozen sample of 20.
1212. — fish - pickled sample.
1213 Rana pipiens — 1 pickle, 1 frozen
1214. " — "
1215. " — "

B. Stuart
P. Elias.
1977.

Catalogue

Pond, 100 yrds. S. Rio Barillas, adjacent Barillas city, Dept. Huehuetenango, Guatemala. el. 1459 m.

June
1216. Rana pipiens tissue, pickle
1217. " |
1218. " |
1219. " |
1220. " |

3-4 km. E. Tres Ranchos pass on Barillas - San Ramon rd, Dept. Huehuetenango, Guatemala. el. ~3500 ft.

29 June.
1221. Adelphicos quadrivirgatus tiss, pickle
1222. Anolis sp regg. shell, 2 individual |

Pass at Tres Ranchos on Barillas - San Ramon rd., Dept Huehuetenango, Guatemala. el. 4500 ft.

29 June.
1223. Hyla

City of Barillas, Dept Huehuetenango, Guatemala. el. 1459 m.

30 June
1224. Ninia sebae tissue + pickle
1225. " "
1226. " "
1227. " "

B. Shreve
P. Elias
1977.

Catalogue

Hardwood forest Barillas, Dept.
Huehuetenango, Guatemala. el. 5900ft.

June 1
1228. Bolitoglossa sp.
1229. Tropidodipsas fasciata
1230. Bufo valliceps
1231. Eleutherodactylus cerasinus leptodactylid.
1232. " "
1233. " "
1234. " "
1235. " "
1236. Barisia imbricata
1237. "

Scrub, field, Barillas,
Dept. Huehuetenango, Guatemala. el. ~6200ft.

30 June
1238. Bufo
1239. "
1240. Thamnophis

Pond, 100 yards S. Rio Barillas, adjacent Barillas
city, Dept. Huehuetenango, Guatemala. el. 1459 m.

29 June.
1241. Rana pipiens

Finca La Florida, ~2 mi. N.E. Barillas on Barillas-
Chiblac rd, Dept. Huehuetenango, Guatemala. el. 1500 m

28 June.
1242. Bolitoglossa mulleri Visc + pickle.

B. Shaffer
P. Elias
1977

Catalogue

Garden
~~House~~ of Bill Veith, City of Barillas, Dept.
Huehuetenango, Guatemala el. 1459 m.

8 June | 1243. Bolitoglossa mulleri | 1 visc. 1 pickle
1244. "
1245. "
1246. "
1247. " lg. ♀ - ω eggs (pickled.)

~~~5 mi.~~ ~2 km ~~N.~~ N.E. Barillas city, Dept
Huehuetenango, Guatemala. el. 5200 ft.

~~28~~ June. 1248. Scaphiodontophis annulatus | colubrid snake - dead on trail.

Scrub field, Barillas
Dept Huehuetenango, Guatemala. el. ~6200 ft.

30 June | 1249. ~~B~~ Exmeces (brevirostris?) | 1 visc. 1 pickle

Btw. Finca la Florida and Concepcion, on road,
Dept. Huehuetenango, Guatemala el. 4000 - 4500 ft.

1 July | 1250. colubrid snake - DOR.

Finca Chiblac, ~12 km. (air line) N.N.E. Barillas,
Dept Huehuetenango, Guatemala. el. 3500 - 4500 ft.

~~7 July.~~ | 1251. "jumper"
June 1975 | 1252. "
June 1977 | 1253. "
1254. "small brown"
1255. "lg. brown"
~~~

Finca Chiblac, ~12 km (airline) N.N.E. Barillas, Dept. Huehuetenango, Guatemala. el. 3500-4500 ft

, 1975 - June, 1977.	1256.	"lg. brown"	
	1257.	"	
	1258.	"	
	1259.	"	
	1260.	"	
	1261.	"	
	1262.	"	
	1263.	"	
2-4 July	1264.	Anolis	tissue + pickle.
	1265.	"	
	1266.	"	
	1267.	"	pickle only
	1268.	Lepidophyma mayae	tissue + pickle
	1269.	"	pickle only.
	1270.	Eumeces	tissue + pickle
	1271.	"	
	1272.	"	
	1273.	"	
	1274.	leptodactylid.	
	1275.	"	
	1276.	"	
	1277.	"	
	1278.	"	
	1279.	"	
	1280.	"	

B. Shaffer
P. Elias
1977.

Catalogue

Finca Chiblac, ~12 km. (airline) N.N.E. Barillas, Dept. Huehuetenango, Guatemala. el. 3500-4500 ft.

-4 July.	1281	leptodactylid	tiss + pickle
	1282	"	"
	1283	"	"

Field "El Porvenir", Finca Chiblac, ~12 km (air) N.N.E. Barillas, Dept. Huehuetenango, Guatemala. el. ~4300 ft.

2 July.	1284.	"big brown" Bolitoglossa	frozen whole.
	1285.	"	
	1286.	"	
	1287.	"	
	1288.	"	
	1289.	"	
	1290.	"	
	1291.	"	
	1292.	"	
	1293.	"	
	1294.	"	
	1295.	"	
	1296.	"	

Garden of Bill Veith, City of Barillas, Dept. Huehuetenango, Guatemala. el. 1459 m.

5 July.	1297.	Ninia sebae	tissue + pickle
	1298.	Bufo (Vallicops?)	
	1299.	"	

B. Stauffer
P. Elias
1977

Catalogue

1 km. N. tam of Paquix, on Barillas - Huehuetenango rd., Dept. Huehuetenango, Guatemala. el. 10,100 ft.

July. 1300. Sceloporus malachiticus tiss + pickle.
1301. "
1302. "
1303. "
1304. "
1305. "
1306. "
1307. "
1308. "
1309. "
1310. "

13.6 mi. N. Santa Eulalia on Barillas - Huehuetenango rd., Dept. Huehuetenango, Guatemala. el. 9900 ft.

6 July. 1311. Bolitoglossa rostrata frozen entire.
1312. "
1313. "
1314. "
1315. "
1316. "
1317. "
1318. "
1319. "
1320. "
1321. "

B. Stuyfzand
P. Elias
1977

Catalogue

13.6 mi. NW. Santa Eulalia on Barillas - Huehuetenango rd, Dept. Huehuetenango, Guatemala. el. 9900 ft.

6 July. 1322. Bolitoglossa rostrata. frozen entire.
1323. "
1324. "
1325. "
1326. "
1327. "
1328. "
1329. "
1330. "
1331. "
1332. "
1333. "
1334. "
1335. "
1336. "
1337. "
1338. "
1339. "
1340. "
1341. "
1342. "
1343. "
1344. "
1345. "
1346. "
1346a. " pickle.

B. Shaffer
P. Elias
1977.

Catalogue

13.6 mi. N. Santa Eulalia on Barillas - Huehuetenango rd., Dept. Huehuetenango, Guatemala. el. 9900-ft.

6 July

1347. Pseudoeurycea rex. frozen entire
1348. "
1349. "
1350. "
1351. "
1352. "
1353. "
1354. "
1355. "
1356. "
1357. "
1358. "
1359. "
1360. "
1361. "
1362. "
1363. "
1364. "
1365. "
1366. "
1367. Bufo (valliceps?) pickle & frozen
1368. "
1369. "
1370. "
1371. "

B. Stuffles
P. Elias
1977.

Catalogue

13.6 mi. N. Santa Eulalia, on Barillas - Huehetenango rd., Dept Huehetenango, Guatemala. el. 9900 ft.

6 July
1372. Bufo (valliceps?) bocourti pickle + frozen
1373. "
1374. "
1375. Barisia moreletti?
1376. "
1377. "
1378. "
1379. "
1380. "
1381. Bufo (valliceps?)
1382. Sceloporus malachiticus
1383. "
1384. "
1385. "
1386. "

km. #311, at stream below Captzin on Barillas - Huehuetenango rd, Dept Huehuetenango, Guatemala. el. 9900 ft.

6 July.
1387. Barisia moreletti? pickle + frozen.
1388. Bolitoglossa rostrata
1389. "

0-2 km. S. Finca Chiblac, on Barillas - Chiblac rd., Dept. Huehuetenango, Guatemala. el. 3600 ft.

5 July
1390. Drymobius ~~rhomb~~ margaritifera DOR

B. Stauffer
D. Elias.
1977

Catalogue

13.6 mi. N. Santa Eulalia on Barillas - Huehuetenango rd., Dept. Huehuetenango, Guatemala. el. 9900 ft.

6 July. 1391. Pseudoeurycea rex.

1392. "

1393. "

1394. "

1395. "

1396. "

1397. "

1398. "

1399. "

1400. "

1401. "

1402. "

1403. "

1404. "

1405. "

~~Hospedaje Terraza~~", City of Barillas, Dept. Huehuetenango, Guatemala. el. 1459 m.

6 July. 1406. Agalychnis moreletii

5 July 1407. Bolitoglossa mulleri live

Forest btw. El Rayo and El Porvenir, on trail, Finca Chiblac, ~12 km (airline) NNE Barillas, Dept. Huehuetenango, Guatemala. el. ~4300 ft.

2 July. 1408. "lotus" live.

B. Shaffer
P. Elias
1977

Catalogue

Field "El Rayo" Finca Chiblac, ~12 Km. N.N.E. Barillas (air), Dept. Huehuetenango, Guatemala. el. ~4300 ft

July
1409. "jumper" live.

~10 km West and 8.5 km S. (airline) la Democracia, Dept Huehuetenango, Guatemala. el. 7000-8300 ft.

9 July.
1410. Chiropterotriton rabbi live.
1411. "
1412. "
1413. "
1414. "
1415. "
1416. Bolitoglossa resplendens
1417. "
1418 "
1419. "
1420. "
1421. "
1422. "

Fs Ridge above El Ricon, Dept. San Marcos, Guatemala. el.

10 July
1423. Bolitoglossa rostrata live
1424. "
1425. "
1426. "
1427. "

B. Shaffer
P. Elias
1977

Catalogue

Ridge above El Rincon, Dept. San Marcos, Guatemala. el.

10 July. 1428. Pseudoeurycea brunnata — live
1429. "
1430. Pseudoeurycea goebeli
1431. Plectrohyla
1432. Thamnophis
1433. "

Km. 262-259 on rd. from San Marcos to coast, Dept. San Marcos, Guatemala el.

11 July. 1434. Pseudoeurycea goebeli — live
1435. "
1436. "
1437. Pseudoeurycea brunnata.
1438. Pseudoeurycea brunnata
1439. "
1440. "
1441. "
~~1442.~~ " missing
1443. "
1444. "
1445. "
1446. "
1447. Pseudoeurycea goebeli
1448. "
1449. "

B. Shaffer
P. Elias.
1977.

Catalogue

Km. 262-259 on rd. from San Marcos to coast, Dept. San Marcos, Guatemala el.

11 July 1450. Pseudoeurycea goebeli
1451. "
1452. "
1453. " leptodactylid
1454. " "
1455. " "

Forested ridge above El Rincon, Dept San Marcos, Guatemala el.

12 July. 1456. Thamnophis
1457. Pseudoeurycea goebeli - stomach contents of 1456.

Km. 262-259 on San Marcos - coast rd., Dept. San Marcos, Guatemala.

12 July. 1458. leptodactylid frog.
1459.
1460. "
1461.
1462.

Shaffer, B.

1977

Journal

Mexico

Guatemala

B. Shaffer
1976

1977

Journal

En Route to Guatemala: Berkeley to Atlixco, Puebla

15-21 June So far the trip has been essentially a grind down here- driving about 18 hours/day, sleep the rest. The drive to El Paso, Texas was hot and otherwise uneventful- the Datsun performed like a champ. We had a small delay at the border, for we found that we had to have Paul's registration certified by a notary public. This entailed going back into El Paso, having our stuff checked, then checked again going into Mexico. We camped out all through the U.S. & as far south as Mexico City. Collecting was strictly what was on the road- a few D.O.R. snakes & 1 Phyrosoma was all. We arrived in Mexico City on ~~Monday, the 20th of June~~ Sunday, 19 June, & I started feeling rather bad. A plate of mole pollo finished it off, & I spent from 7PM Sunday till 8 AM. Tuesday sleeping, heaving, & generally feeling awful. However, on Monday, Paul succeeded in getting the Liquido Nitrogino & our permit- the latter at the address given us by Alice at the MVZ. Both went smoothly- the permit cost 30 dollars, the Nitrogen ~ 5 bucks. We figured to leave Mexico City Tuesday morning & go to Oaxaca via Rio Frio, where I wanted to look for some

B. Shaffer
1976

Journal.

Berkeley to Atlixco, Puebla, Mexico.

16-21 June. Ambystoma. Tuesday morning Paul felt bad, but we took off anyway. I drove to Rio Frio (out Mex. Hwy. 190 to the Mexico-Puebla border) & looked - found no Ambystoma under stuff or in the river or ponds. I did get 2 salamders (P. leprosa, I think) one Eumeces at one spot ~ 2 miles W. of Rio Frio, & a series of Hyla (maybe eximia - plata group) from just east of town near the river. Also got a Thamnophis there. By this time Paul had developed a real splitting migrain & I wasn't feeling so hot myself, so we split toward Oaxaca - took 190 through Puebla city to the town of Atlixco, where we are now. It is a nice town with a bad hotel - "Hotel Roma" at 3.50$/person - but your own bed. Tommorow its off to Oaxaca & hopefully toward Guatemala - if we feel o.k.

Atlixco, Puebla — San Juan Ixcoy, Guat.

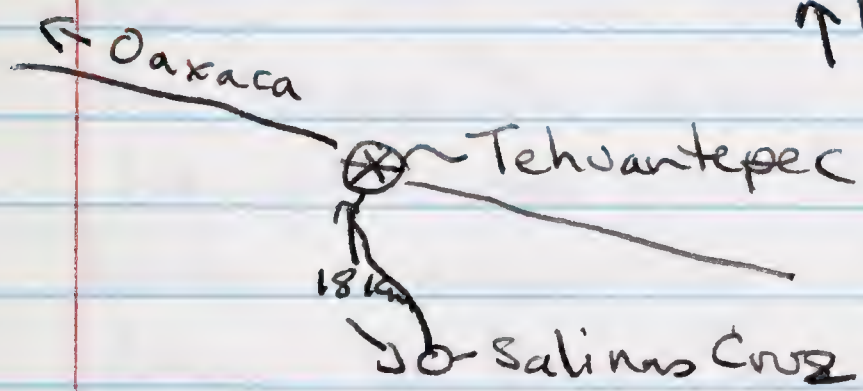
22-24 June. We left Atlixco & continued on the inter-amn. hwy (195?) drove through to the turnoff to Tehuantepec, where we spent the night. It's low & dry through this land - el. ~ 300-900 ft., lots of Agave & cactus. On 195 into Tehuantepec, we hit some rain, & stopped by a roadside

3 Stafford
1977

Journal

Atlixco, Puebla, Mexico to Ixcoy, Huehuetenango, Guatemala.

22-24 June. pond where I heard some Angistorops calling. We got 5 of them - always under thorn bushes or cactus at the edge of the water. Also in the pond got 1 Bufo - (see catalogue). Along the road we picked up a good series of the Bufo, plus a series of B. marinus. We also got a small Constrictor constrictor. We got a hotel in Tehuantepec (Hotel ~~$~~ #3.00 pesos) & then decided to do a little more night cruising. We hit the road to Salinas Cruz - 18 km, all paved.



We got another Bufo, & a very recent D.O.R. Trimorphodon, & a live Lioxocemus. The road is dry-draining desert-like land, but with some standing water with reeds. We heard frogs calling but didn't look for them - it sounded like a 1 or 2 sp. Hylid chorus. We prepared our specimens that night, then slept. Next day we went as far as San Cristobal.

B Stuttes
1977.

Journal

Atlixco, Puebla, Mexico to Ixcoy, Huehuetenango, Guatemala. (in San Cristobal - Hotel 1.00/person)

2-24 June. We only stopped in Tuxtla Gutierez for a few minutes. Again, this is very flat, dry land - few people, & generally pretty desolate. San Cristobal is nice - & we found a small bookstore in the central park gazebo where we both got a copy of the Reptiles de Chiapas, a very nice book for $10/copy. We then made a small foray into the mountains - took the road to Ococingo to look for rostrata. But we had to be back at our hotel by 10:30 PM, so we had to abort early. Today we drove from San Cristobal to the Guatemala border. Chiapas is fine - big mtns, very nice looking. We crossed the border uneventfully ($12 total fees) & drove to Huehuetenango. Again, dry scrubby forest. We took the Barillas road out of Huehuetenango - a good dirt road. The drive out here is over a large massif - from 5000' at Huehue up to almost 12,000' at Paquix. The area near the top is flat limestone with grass + Agave cacti - really miserable stuff. Back down the other side a little we stopped & checked out a limestone sinkhole. I got a P. rex out of a crack

B. Stuffings
1977

Journal

Atlixco, Puebla, Mexico to Ixcoy, Huehuetenango, Guatemala.

22-24 June. in the limestone - otherwise nothing. We drove to San Juan Ixcoy, & are staying at the ~~hot~~ hospedaje in town - its really neat.

San Juan Ixcoy, Dept. Huehuetenango, Guat.

25 June We worked out of Ixcoy today back toward Huehuetenango, basically hitting 3 spots. First, we worked the type locality for Chiroterotriton cuchumatanes - a patch of wet pine & oak woodland near Captzin. (see catalogue). The area has been cut; its easy to walk in, with many good stumps & logs around. The Chirops are primarily under bark - both oak & pine. I had the best luck under bark in pine stumps - occasionally 3 in 1 stump. Also, we found a bunch of B. rostrata, under barks & under cover objects. We stayed about 1½-2 hours, then left around 11:~~3~~00 AM. On up the road a km. or so is the B. rostrata - P. rex locality, where we wanted a rostrata sample for Lynn Houck. The area has a nice creek with lots of felled logs + stumps around it. We collected under objects & barks, getting more rostrata

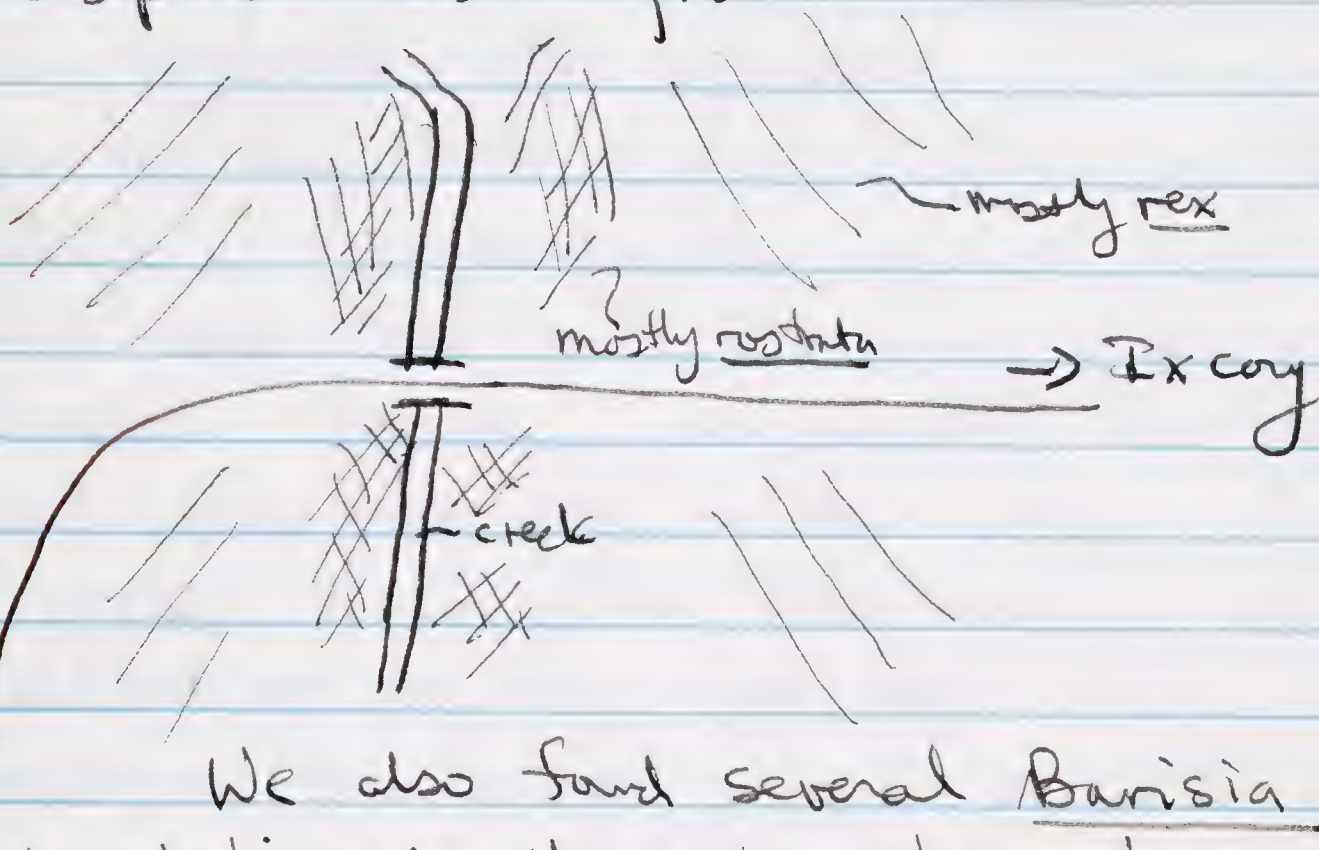
B. Shaffer
1977

Journal

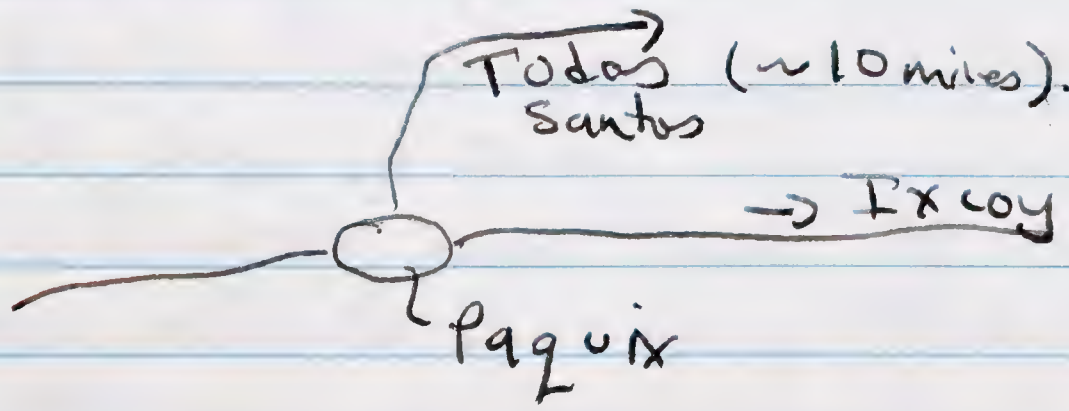
San Juan Ixcoy, Huehuetenago, Guat.

25 June

near the stream & rex higher up, although the seperation isn't great.



We also found several Barisia moreleti, primarily under stones, & some logs, and 1 or 2 small Sceloporus. We stopped for lunch at Tojquia - a very small town on the high plain (~12,000 ft.). A fine meal of rice soup, potatoes, chicken and tortillas. (.50, total) & we went on to Todos Santos.



The road out of Paquix is steep but quite passable; we went all the way to Todos Santos, then came back and

B. Shaffer
1977.

Journal

San Juan Ixcoy, Huehuetenango, Guat.

25 June Worked a fairly wet valley patch of pine for B. ommniasacterum - a rostrata -like population. It was quite dry but under bark, inside stumps, & occasionally under rocks we found some. Paul got six in one stump, all bunched together, presumably to keep wet. We also got a few more Barisia & another Sceloporus, and called it a day. One other thing - I found a bunch of slugs at the rostrata - rex locality that looks just like a rostrata. I'll have a picture of it, & maybe pickle one or two. It looks like either convergence or mimicry on the ~~st~~ brown stripe on dark background. This night we went back up the road about ½ mile & walked the road cut - but found nothing.

26 June Barillas (= Santa Cruz Barillas) Dept. Huehuetenango

We staged at Ixcoy 'till about 2 PM pickling and fixing our cache from 25 June - total of ~200 animals. We paid up ($11.00 for both, = ~$2.50/person/day, room + board) and left out the road toward Barillas. The road is good - very passable at 20 mph. We stopped at Soloma for gas, then pushed on to a patch of Madrone-

B. Shaffer
1977

Journal

Santa Cruz Basillas, Huehuetenango.

26 June

pine that Paul knew which we thought might be good for Chiroptrodrion. About ½ mile before it we stopped at a brook & tore up rocks - nothing. The patch of woods is at ~ ft. el. and is very similar in appearance to the C. cuchematanes locality. Apparently there is a large standing forest of mixed madrone - pine which the road cuts through. In general along the road the madrone seems to go up to the fog line & into it occasionally, as was apparently the case here. The woods look like they were cleared near the road a long time ago - maybe 50 - 100 years. The logs were frequently very rotten, & good bark was at a premium. Inside stumps & under bark, especially of old stumps, we got 12-15 ~~of~~ B. rostrata. They basically look like the others, but there is a predominance of a red color phase, with only one solid middorsal stripe of a chestnut - brown-red. However, the other 2-striped phase was also present. No Chiropts were found, & I just don't know why. We worked for a good hour then moved on. We stopped very briefly, (~3 minutes) at a high plateau field, then went on to San Mateo, where

B. Shultes
1977.

Journal

Santa Cruz Barillas, Huehuetenango.

6 June — we checked out the market. They have some really superb hand embroidered Indian clothing that all of the people wear there. They are essentially ponchos & all the women were them. Supposedly it takes 2 years to make one. I got a large one for $10, and a smaller one for 6. We then came straight to ~~Barrillas~~ Barillas, and are staying at hospedaje Terraza, a fine place. This is a locality for Bolitoglossa mulleri, and as we came into town it started to pour. This is the first big rain of the season, so we figured it might be hot. We night walked both in town and out on road cuts on the main road with no success. Paul got a Wingia & I heard some Centrolenids calling by the river, but that was all. Came home & went to bed.

Barillas, Huehuetenango Dept.

7 June. — Today we tried to drive to Finca Chiblac, w no success. We left at 8 AM, drove the road to Conception where the road forks. one side to Ixlac, the other to Chiblac. The Chiblac rd. is very rocky & steep, & after about 2 miles we stopped part way down the big grade to

B. Stuffer
1977.

Journal

Barillas. Dept. Huehuetenango.

7 June. El Valle. We decided we had gone to far and tried to back up the hill, without success. After a lot of different attempts we parked at the bottom, walked to Concepcion, & got a bus to Barillas. We then got a jeep guy with his Toyota land Cruiser truck to try to pull us out. The deal was - $25 if we make it to Concepcion, nothing otherwise. With the help of 4 of his friends, we got it out - quite a relief. While we were trying to get out, around 1 PM, we found one dead and one live Micrurus elegans on the road. It's strange, but the snakes are rather common and diurnal.

8 June. Barillas. Dept. Huehuetenango.

We went to the missionary, Bill Veith, and talked to him. His back yard is were B. multicinctus have come from, so we asked if we could look for some. I got 5 of them, under rocks under cover. The best spots seem to be ① under rocks in contact w other rocks, and ② when the rock is under cover, like a bush. These were not big rocks, but often only a couple # pounds. Apparently the salamanders are out at night, and are just ducking under

B. Shyka.
1977

Journal

Barillas, Dept. Huehuetenango.

8 June. Cover in the daytime. We also got 4 Bufo - something in the vulliceps group. - all little guys. We quit & went across the river (Rio Barillas) to a pond to get Rana pipiens. It is basically across the river from the center of town, although it is a good walk if you go over the bridge. We found a small pool ~~a~~ ~~ds~~ ~ 8 ft. across + 6 ft. deep w lots of frogs. I shot 2 with the slingshot & we bought some tads (20 / .50 cents) & came home. Also, before we went frogging, we headed out to Finca La Florida, ~~2~~ 2 mi. NE. Barillas on the road to Chiblac. We worked a coffee field for quite a while - I got one Bolitoglossa mulleri, Paul none. We also caught 6 Ninia sebae & one Adelphicos, I think. Add to that 1 more Ninia we got on the walk to the frog pond, & we got a good bio chemical sample.

Barillas, Dept. Huehuetenango.

29 June. We decided to go out to the road head near San Ramon (the other fork from Chiblac) since we were told they have found salamanders on the road crews. We also thought we might see some trees ~~come~~ come down. ~~Paul~~ Near the end of the road, ~ elev 3500 ft. there we a

B. Shyka
1977

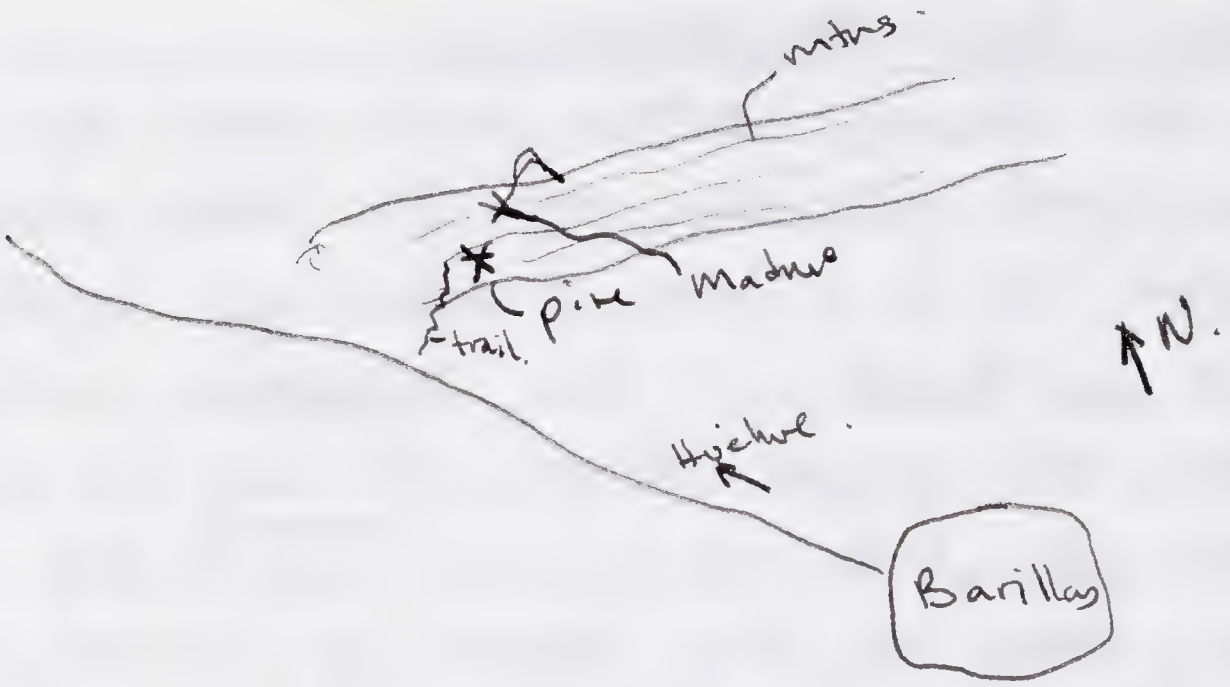
Journal

Barillas, Dept. Huehuetenango.

29 June. lot of old cleared patches with fallen logs, bananas, good bark, rocks, etc. It looked perfect We worked for 2-3 hours & didn't get anything. Paul got one Anolis & one Adelphocos, nothing else. We thought it was too low, but the road crew man told us he saw salamanders over today. It was under the big blocks of limestone that the tractor tore up. Unfortunately we did not see it. There must be cracks that they hide in & come out at night. Anyhow, we split & collected at the crest of the pass the road goes through. We worked bromeliads & got 1 Hyla & a bunch of toads, & split. Returned to Barillas, & took out a piece of mosquito netting to use as a net to get more Rana pipiens. We used it like a dragnet & got a more adults. We also took a few more tads & a sample of the fish in the pond and came home.

Barillas, Dept. Huehuetenango

30 ~~29~~ June We spent most of this morning searching out mules or good horses to take to Chiblac. Oddly, most of them were out of town, either at San Ramon or Ixcan working. We finally found a guy with a really nice horse


mtns.
Madhwe
pine
trail.
N.
Hyichwe.
Bariley

Journal

Barillas, Huehuetenango.

10 June and a mule - the pair for 5 dollars / day. I'll have more to say on that after we get them. He couldn't have them 'till tommorrow, so we decided to work the pine forest north of town. Paul had been there twice before & got a few herps, so we decided to give it a go. We drove up to the closest point to the woods and hiked up one of the many paths. The road was at 5200' el. & we worked thru the pines (~5500 - 5800 ft) & into the Madrone (el. 5900'). There we loped about 10 bromeliads, & got a salamander out of 1 of them. These were big bromeliads - the 'mander is about 55 - 60 mm. S-V. & is one of the B. helmrichi group - maybe helmrichi or Pauls "big brown".

We continued chopping bromelids, & then moved on a bit. It is a easy-to-move-thru forest. maybe 3 tree spp. In another bromelid we got a Tropidodipsas - fine animl. Then later I got another - but unfortunately cut it in half. We continued up - got a few leptodactylids & a Bufo valliceps. Then we hit the crest, & saw real cloud forest across a small valley. We hiked over - all blueberry scented pickers - really awful, & then hit the woods. (In the First woods we also got 2 Bandids) This new patch is many spp. composition -

B. Stuckey
1977

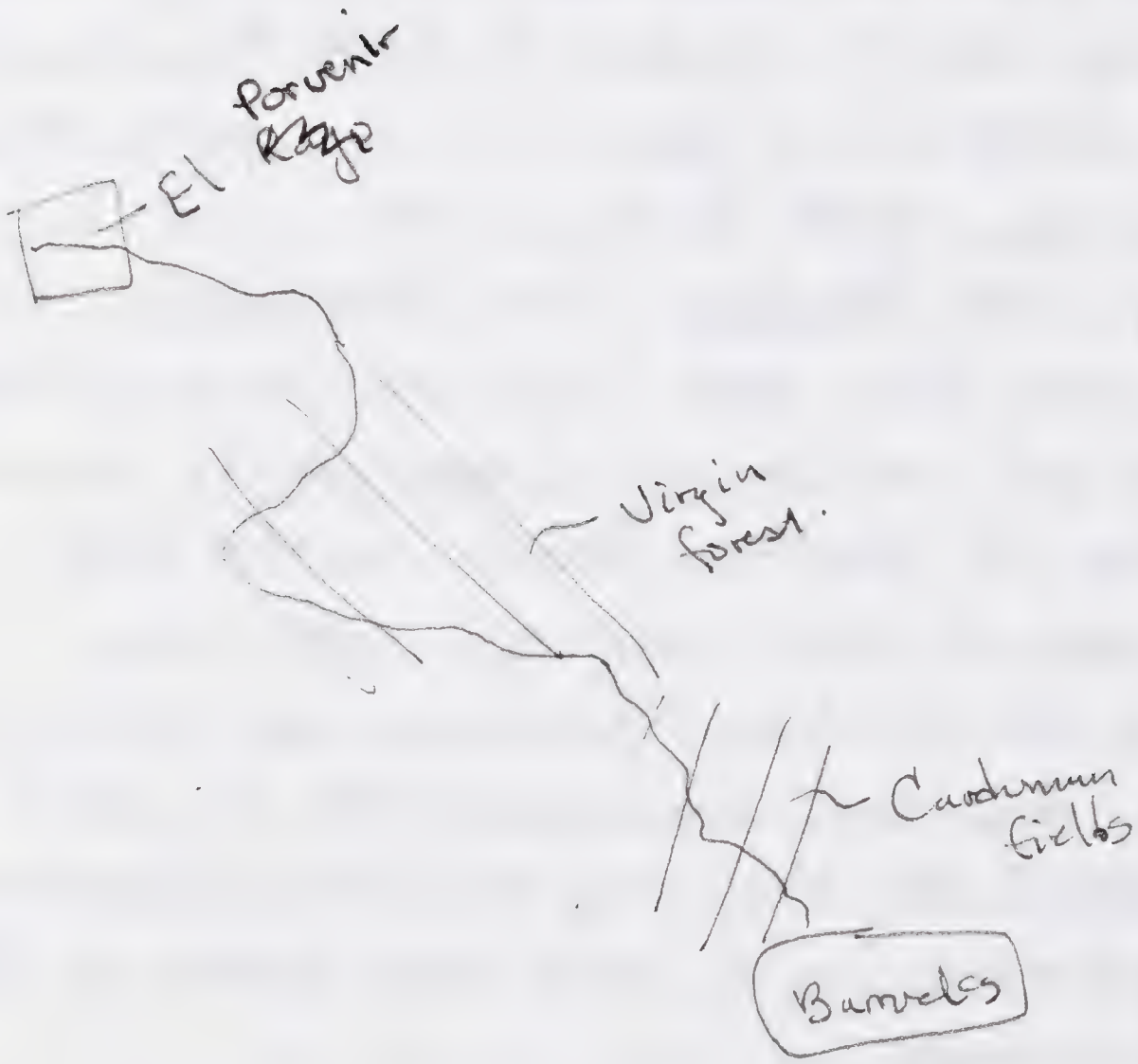
Journal

Barillas, Huehuetenango

0 June — quite nice to walk thru. Unfortunately, we found little workable habitat, & what we worked, we found nothing except a couple of leptodactylids. We decided to head down (crest was at 6500' el.) & found a big path thru the scrubby stuff. Rolling rocks got 2 Bufo sp., one Rhadinea, one Thamnophis out in the scrub. Then back into the mature woods where we got an Eumeces (brevirostris?) under a big log, & another Barisia in the pine. By this time it was poring & we were soaked, so we ran down. Of course, we hit the road below the car, miscalculated, & went down - walked all the way to town. Tomorrow we'll get a bus up to the car. Dinner at 7, then bed, I think.

Finca Chiblac, Dept. Huehuetenango

1-2 July — We rented our horses & hit the road to Chiblac around 10:15 AM. It was a clear, hot morning, & we got a good mula & a nice horse - me on the mula, Paul on caballo. It's a long ride - we stopped for lunch at Concepcion, where the road forks to Chiblac, around 2. Off again by 2:20, & We found that the horses dislike going down hill - they snake walk & go slowly, so we walked down the grade to El Valle, & in to Chiblac


El Porvenir
Virgin forest.
Cardamom fields
Barrels

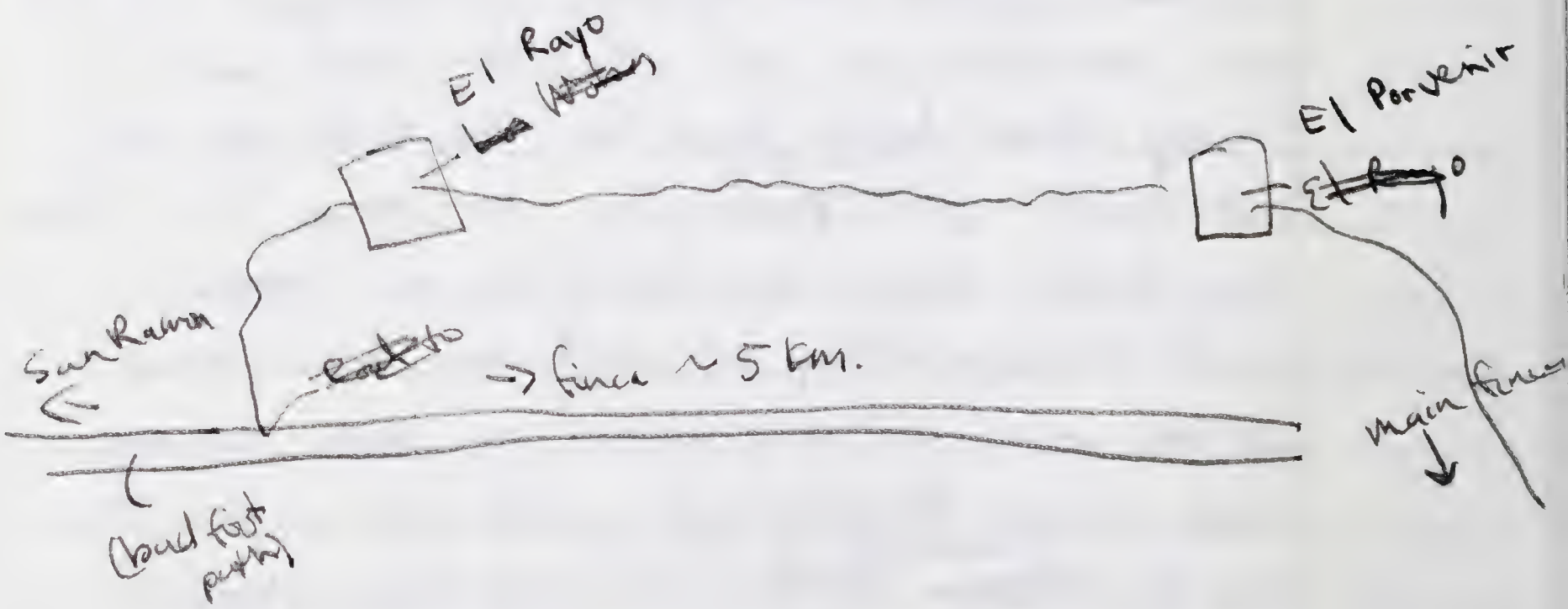
3. Shaffer
1977

Journal

Finca Chiblac, Dept. Huehuetenango.

1-2 July. El Valle is a fine place. With its low llano & its large ponds - very impressive site. The climb out is also impressive - about a 12a ft. climb, straight up. We hit Chiblac around 5:30 - it was extremely overcast, but it didn't rain - all night. The only herps we got or was one very DOR. snake, which we pickled up as a voucher - it was before Concepcion somewhere.

Next day, we got up early & went up to collect. The situation is sort of tricky, for we don't really have permission to be here. The deal is, the heffe is in Guatemala City 'till monday or tuesday, & we need his sanction to be official. The man in charge, Don Luis, gave us the O.K. to stay, but can't give permission to roam the finca. We think that the feeling is he doesn't want responsibility, but will turn his head & not see us - but it's hard to pick up on these things. Anyhow, we went out today to the El ~~Rayo~~ Porvenir field. Paul has been there, & got all 5 spp. of Craugers. We walked up, first through the Barrels, then some cardomum fields, then forest, then up to the quinine field that is El ~~Rayo~~ Porvenir. We worked along the trail & got big brains - a B- helminchia - We minimal


El Rayo
El Porvenir
San Ramon
→ finca ~ 5 km.
main
(bad fast
part)

B. Shelley
1977

Journal

Finca Chiblac, Dept Huehuetenango.

2 July

We then took to the field - a long ago cut-over place, & peeled more bark - got more big browns. They are only found under bark - but there they may be common (up to 3/piece bark). Remember that this is quite similar to the animal at Barillas, so the natural habitat may well be bromeliads. The place was hard to work, so we went on to another cleared patch & rolled logs. Under bark I got a Lepidophyrne mayae - young, & Paul a skink, & more big browns under bark. We then went along the trail through a bit of virgin rainforest, & amazingly got a "lotus" under a small log in the virgin forest. We kept going 'til we hit the type locality - El Rato. By this time it was raining & we had been out a long time. We took a break at the coffee shed by the road, then, armed with elephant ears leaves as umbrellas, walked home. On yes, along the way we got some leptodactylids in the woods - both Eleutherodactylus & Syrrhopus, I think. Also we got a five adult Lepidophyrne under wood chips. We got back & changed, showered & read. It rained from about 11 AM - 4 PM, then stopped - as of 7:50 PM. it is clear

B. Shaffer.
1977.

Journal

5 July. Finca Chiblac Dept. Huehuetenango.

On the 3rd we decided to put out the word to the local kids that we would pay for animals (5 cents per) & rest up, since we were both really beat. Unfortunately, we didn't get much - a few Anoles, some leptodactylids, & one big Smilisca (~10 ℄). Around 5 PM, we rode up to the coffee shed by the type locality to night walk - the plan was to sleep there, work that day & night again, then leave. It rained from ~ 4 - 7PM, then cleared up - a beautiful, clear night, w almost full moon. The field has been cleared a lot, which make walking easy. Paul got a fine adult "jumper", & we both caught leptodactylids - also I got an Eumeces under bark. We headed down & slept in the open shed - a near-sleepless night due to intense gnat activity.

Next morning (the 4th) on an hour or 2 of sleep we went back up to the locality. It's an easy 30 minute walk - steep up but a good path. The field was very cleared - we peeled bark & rolled logs, hoping for "lotus". All we got were 3 Eumeces - not even a "big brown". It may have ben dry (doubtful) or the field may be too exposed to sunlight - but it was extremely discouraging. We split after about an hour of work, tired & beat. As we rode back to the

B. Shaffer
1977.

Journal

Finca Chiblac, Dept. Huehuetenango.

5 July. Finca it was raining, & we just couldn't see riding all day in our condition - it was about noon at the finca. Instead, we toasted out & read most of the afternoon.

The 5th, we awoke at 5 AM, packed, & hit the road by 6:30. Arrived at 10:30 at Concepcion, and ate breakfast. Left by 11 - soon out of town, a bus came by, which Paul took with the live animals to Barillas. We did this to insure against overheating them - but it rained the entire time. Still, better safe than sorry. I rode both animals into Barillas, arriving a few minutes before 1 AM. I ate, then we met & went to Bill Keith's place to try for more B. mulleri. Paul got a small one, & I got 2 Bufo valliceps (?) & 1 small Ninia sebae. We spent the rest of the day preserving, writing, etc. We just paid our bill at the hotel - I think 6 nights, plus laundry - ran 15 ¢ - not too bad - about a buck/night/pp. We will now pack & hit the road early tomorrow. Oh yes - on the ride out, we found a dead Drymobius margaritiferus on the road.

Huehuetenango, Dept. Huehuetenango.

6 July. We got an early start out of Barillas - destination Huehuetenango - about a 6-7 hour drive. We drove straight w a brief stop at

B. Stapleton
1977.

Journal

Huehuetenango, Dept. Huehuetenango

6 July. San Mateo Ixtatan to photo their bazar church, then went on to our first locality - btw. San Mateo & Santa Eulalia, where we hoped to get a series of B. rostrata. (Note - this morning we got a big, really nice Phylomedusa on the wall of the hotel in Barillas). We collected the pine woods at about 10,000 ft. - in the woods we got almost exclusively P. rex - in all habitats. We also got several Barisia, some Buto (valliceps group) & a few Sceloporus malachiticus. Then by the roadside, more out in the open. We started hitting mostly rostrata - w a few rex, plus the other reps. Total was rex - 35 rostrata - 37 Barisia - ~6 Buto - ~9 Sceloporus - ~5. The seperation of rex & rostrata is pretty dramatic here - rostrata were very rare deep in the woods (we got 2) & rex were quite uncommon near the road. This may be due to drainage (flat in the woods) or exposure to sun, but it suggests that there may be good ecological seperation. Also, the rostrata logs were often really rotten - so there also may be some sort of succession from rex -> rostrata habitats. Anyhow, we bagged our catch & moved on to Captzin, to try to beef up our rostrata

B. Shultz
1977.

Journal

July

Huehuetenango, Dept. Huehuetenango.

sample for Lynn. We walked the same area as before for ~½ hour, & got 2 rostrata. Apparently the place needed some time to recover - so we split. also w/ 1 Barisia. Strangely, rex were still common, near the stream & away from it, but rostrata were definately rare.

Something I forgot - just before we hit Santa Eulalia, there was a tremendous noise & the car stopped. One of the main bolts holding the rear end up to the body had shaken unloose, & the rear end came off on one side. Luckily, the bolt, nuts, & rubber bushing were all intact, & w/ the help of a lot of improvisation & hammering, we got it all back together - the car, amazingly, was fine, except for a rather noisy muffler.

Onward to Paquix. We wanted to get a series of S. malachiticus, & Paquix seemed like a good place. Armed w/ the mighty slingshot, we shot or hand caught 19 Scelops in about 1 - 1½ hours. We then packed our bags & hit Huehuetenango around 6 PM. We found a really cheap hotel Hospedaje Viajero - an O.K. room, nice balcony, & really seedy bathroom, essentially non-functional,

B. Stauffer
1977.

Journal

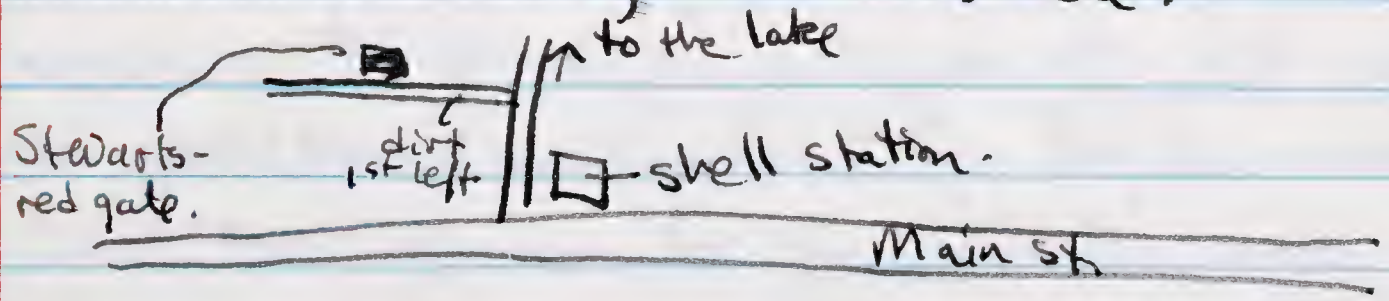
Huehuetenango, Dept. Huehuetenango.

6 July. for 1 $ a piece. We ate at a chicken joint that was bad, then pickled animals 'til 11:30 PM.

We left about 8 AM, & are now at a place called "Suzi's Pancakes" - had some of the best pancakes w fresh berries & bannanas ever for 1.60 $ - it's in a house, non-gringo, (at least they're not apparent) & very nice. On to Panajachel!

Panajachel, Dept. Solola

7 July. We left Huehuetenango around 930 AM - headed South toward Panajachel. The drive is fast (60 Mph +) & easy - we stopped briefly at the forest around Zunil ridge to look for ~~rostrata~~ (no luck - very dry & dusty) then hit town. It took a while to locate Stewarts place - if you ask for Pancho mata-~~culebras~~ culebras (the snake-killer) the people all know him. Basically he lives here:



it's a beautiful house - I may have to retire here myself some day. Stewart is a very crusty

B. Stuffy
1977.

Journal

Panajachel, Dept. Sololá.

7 July. old guy who swears like a pro, has a snow white botch hair cut, & is really funny. We talked for about 3 hours, mostly about herps (= herpets), localities, etc., but also a good deal of talk about old times, trips to Costa Rica, etc. We actually did get some info out of him - a few I.D's, ~~pd~~ plus where to go in the Cuilco's for C. rabbi & other things, but the main purpose of the trip was just to revel in his beauty. We left his place around 6 PM. & went up to Sololá for the night. We stayed in the Hotel Salas - a nice place for 1$/night/person. Meals are also served here - $1.75 & really good - with running water, who could ask for more. The car has been acting up for a couple of weeks now - it won't start & must be pushed. However, after 5 days of rest it still started fine, & the ignition light is not on. This implies to me that the battery has discharged beyond the capacity of the alternator - so we are having it charged this morning at a Mechanics. If it discharges again, I will check the generator in Guatemala City. Anyhow, on to Cuilco this afternoon for C. rabbi. Oh ho yes - we got a Leptodrys septentrionalis at ~8000 ft. coming into here - to be picked.

B. Shaffer
1979

Journal.

Hotel "El Reposo", Dept. Huehuetenango.

3 July. After we put the battery in the car, it still wouldn't start, so it must be in the starter after all. I guess it comes apart in Guat City. Well, we left Panajachel ~ noon, & headed back to the border to find "El Reposo". Go past La Democracia by about 5-6 miles, & its on the left as yw go north- a big hotel & gasolineria, about 6 km. from the border. We arrived arond 4 & did a laundry in the sink till 5:30 - then I went out & kicked over some logs till 6 - nothing. There is a nice creek in back of the place, but no frogs. We ate at the hotel ($2.50 for 2) then went night driving - North to the border, then south past La Democracia, then back. We got 1 Rana pipiens & saw a squashed toad - really lousy. We did see a lot of bats, & are going to try for some tonight. We were told that the road to the rabbi locality is impassible, so we are waiting now to catch a ride with a four-wheel drive that might be going that way. El. at El Reposo - 2900 ft.

Hotel "El Reposo". Dept. Huehuetenango.

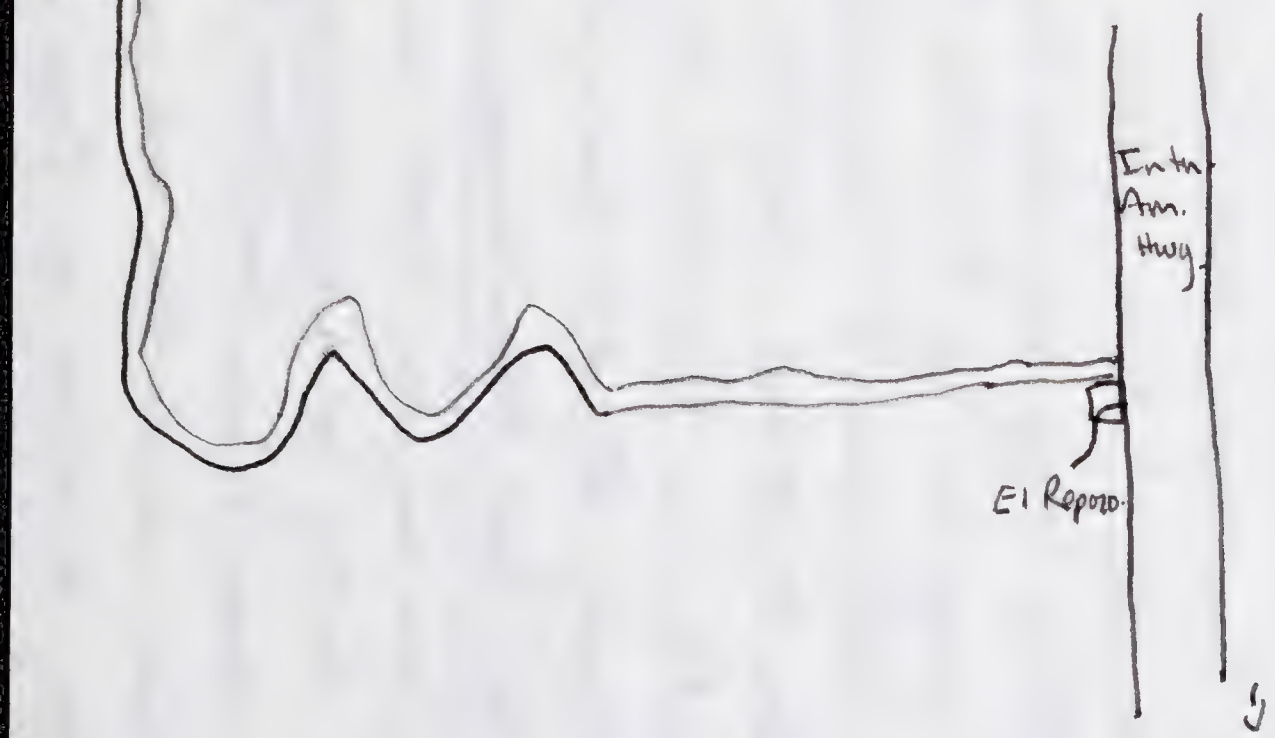
9 July Today was the one day, we shot ascent of the ⊛ Cuilco to try for Chiropterotriton rabbi. The locality, as we knew it, was from 8000 ft. - by a dirt rd - So up we went - the road was very bad so we decided to hitch up. There is a

Pass in mtns.
Very steep & sharp-
el. 7000 ft.

Paraiso

Mexico

N.



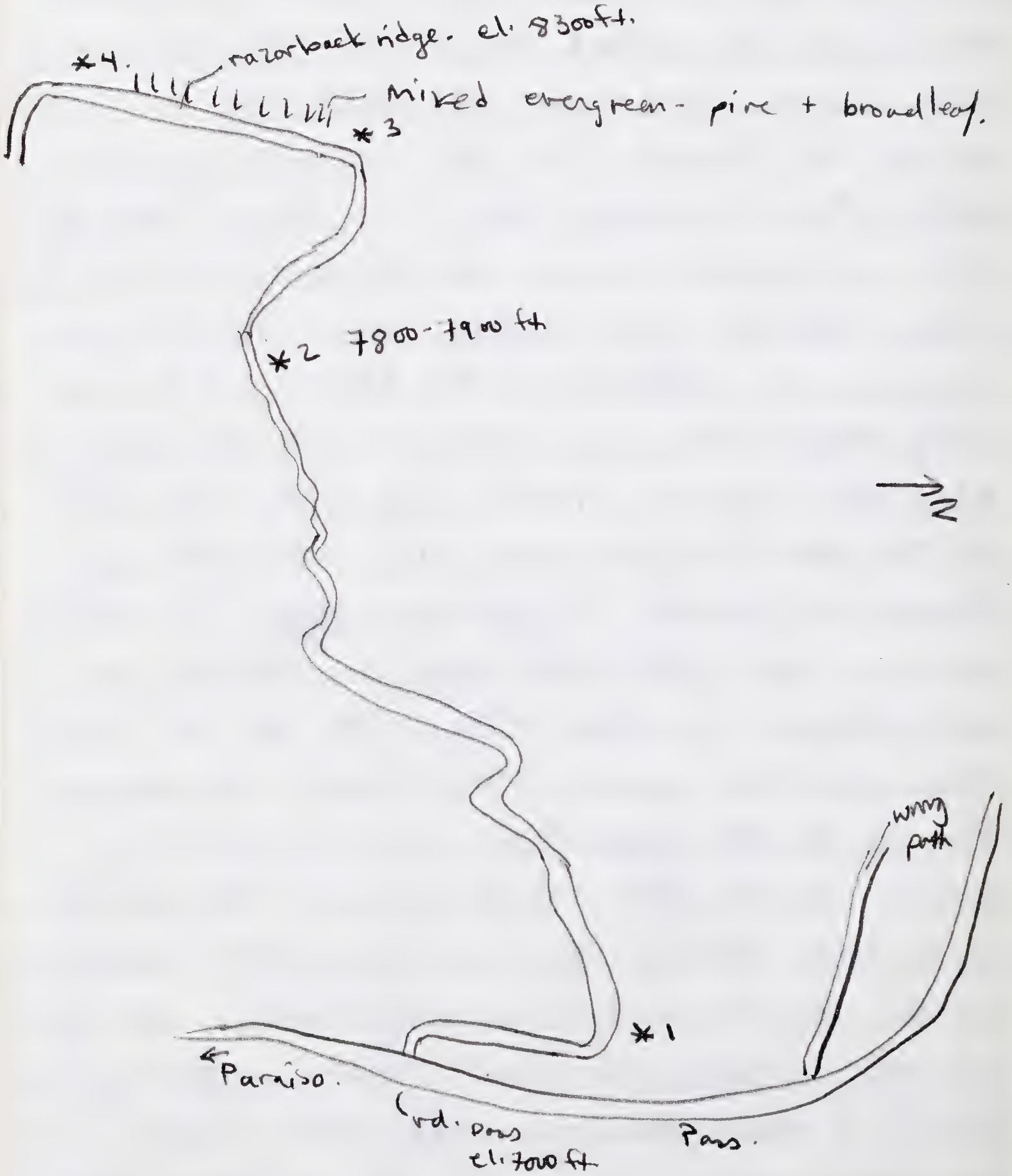
B. Shafer

1977

Journal

Hotel "El Reposo", Dept. Huehuetenango.

9 July Small town near the pass in the rd. - Paraiso, which we aimed for. We tried to catch a ride to no success, so walked back to the hotel & got someone who was going that way to take us up to Paraiso for 10#. We had requests as high as #40. The drive took 1½ hours - definately not a 2 wheel drive rd. We ate (1.25/2 people) then for #2 got another ride to the pass. Town is at 5800 ft., so the last ~ 2-3 km was really steep to the pass. When you hit the crest there are several paths off of the West side of the road. One goes down the other side - we followed it briefly but it goes down. The correct one is not quite at the top of the pass, and it goes up, then follows the rd. for ~ 20 ft, then goes due West, straight up. We assumed this to be the proper trail, & went up. We saw a lot of nice big, broad leafed bromelinds, & hacked about 10-15, in no wide. (*1). However, on the way back down, out of another 20, we got one C. rubbi. We kept climbing, turning stuff & tearing open logs, rocks, etc. - found absolutely nothing. Then at *2 we stopped to open more bromelinds, & the 1st one came out a C. rubbi out of a large bromeliad. A few minutes later a large B. resplendens was found


razorback ridge. el. 8300 ft.
*4
Mixed evergreen - pine + broadleaf.
*3
*2 7800 - 7900 ft
N
*1
Paniso.
Trd. Pass
el. 7000 ft
Pass.

B. Stuffley
1978

Journal

Hotel "El Reposo" Dept. Huehuetenango

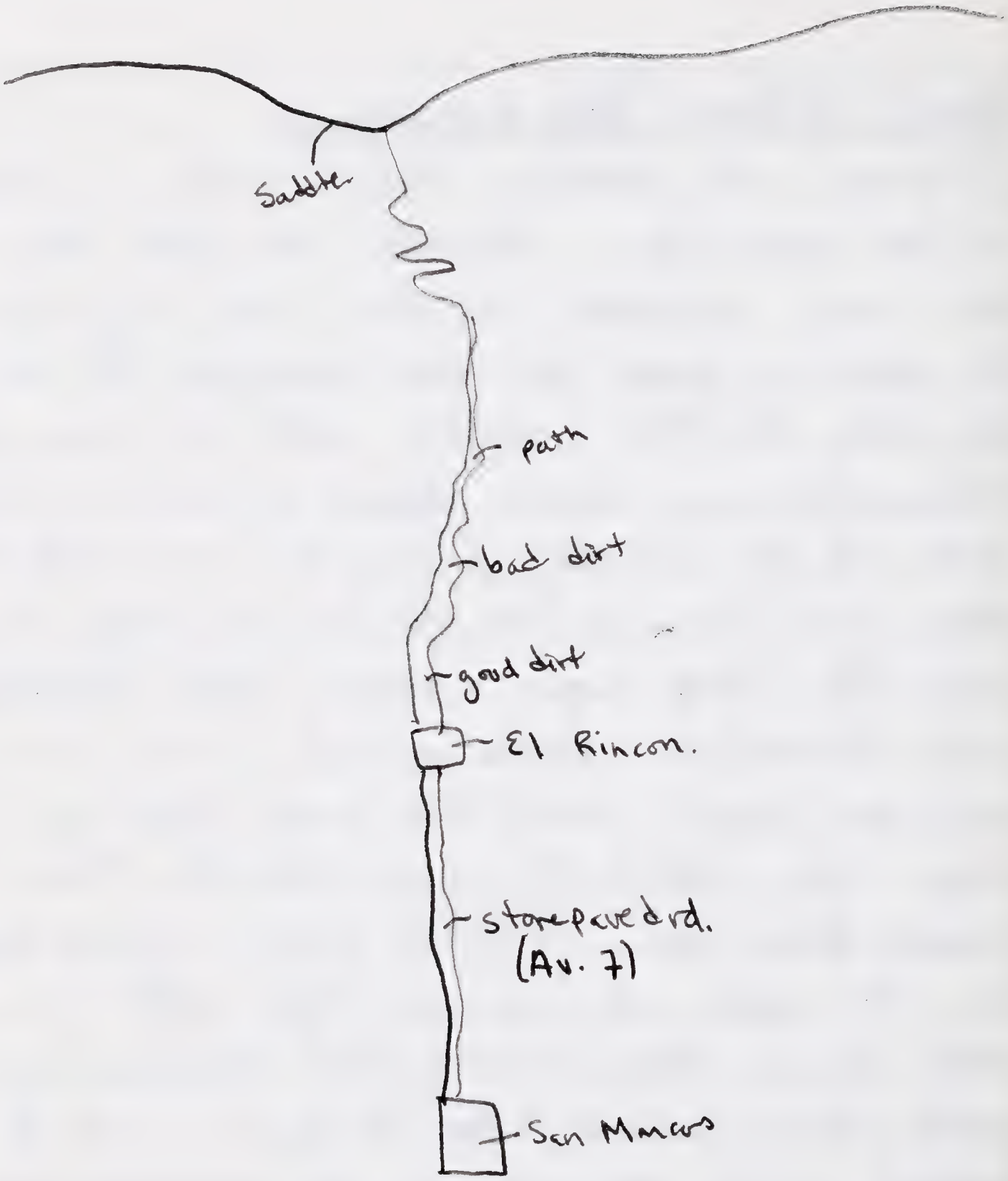
9 July In a small bromeliad, & we went out of control! We chipped down a good 20 - more, & ended up w. 4 C. rabbi + 2 B. resplendus. We basically worked up the trail, then saw some pine at the top. & decided to check it out. We went up & found a really razor back ridge, w mixed pine - broadleaf forest. The pines had no bromeliads, but the others had plenty. We peeled a lot of apparently perfect pine bark & didn't find a thing. Then we opened bromeliads, & Paul got a Chirop in one. I got 3 B. resplendens from one bromeliad; ~~Esther~~ We then worked south up the ridge to see where it went. We spend a bunch more bromeliads, & only got one resplendens from a rotted ~~#~~ hardwood log. (I had also gotten one from bark on a hardwood log at the ~~rootstalk~~ locality 3.) The last one came from * y, where the trail suddenly plunges down & we turned around. We later discovered that if you go down, the * mountain goes back up to another knob - it may be up there that the large Ilang that everyone talks about is. Or it may be on the next ridge to the north. In any case, it is worth checking out for rootstalk, for we found none.

B. Shyster.
1977

Journal.

Hotel "El Reposo" Dept Huehuetenango

1 July. Anyway, we worked back to #3. & chipped a few more, then decided to head down. We were supposed to be down by 5 PM to catch a ride we had arranged for down the mtn. for Mg & didn't want to miss it. Naturally, my watch stopped, so when it said 4 PM, it was actually 6:30 when we walked down to Paraiso. The truck had left, so we ate there again - a good meal for #2.50/2. then started to walk around 7:15. It's not too long - about 2½ hours, but very steep w/ a total of over 5000 ft. down - about 3,000 from Paraiso. It's a lotta of trash. In the dark it was a long walk - & about ⅛ mile from the end Paul twisted his ankle, which looked like it hurt a lot. He hobbled in, & we charged the animals, showered, & felt a lot better. - arrived at 21 Reposo ~ 9:30. We ran out of ice, so what we did was put the animals in plastic bags, put that in a cloth bag, soak it & hang it up - the evaporation keeps everything cool - a neat idea!. We are trying to keep all of these alive for Dave - here's hoping. Unfortunately Pauls ankle is still hurt; he may not be able to work San Marcos w/ me. Oh well - hopefully it will get better.


Saddle
path
bad dirt
good dirt
El Rincon.
stone paved rd.
(Av. 7)
San Marcos

B. Shaffer

1977.

Journal

Hotel Perez, Dept. San Marcos

10 July

We left El Ropozo in the morning & hit the road for San Marcos. It's about a 4-5 hour drive, & we arrived around 1:30 PM. The hotel Perez is pleasant & not bad at $4.75/day/person, w/ 3 good meals. This is where Wake always stays. Paul's leg still hurts, so I went up to the saddle that is above El Rincon to look for B. resplendens & C. bromeliacia. The path is a simple extension of the road - ~~see~~ it starts out big & dwindles down to a deeply cut stream-bed trail. There are many turns & forks, but they always all reconnect on the proper path. When you hit the pass it is unmistakable - heavy dense fog comes right up to it from the coast, & it is clear looking over San Marcos - very impressive. You can go right or left when you hit the ridge. First I went right - got 4 B. costata under one log, & a hylid out of a bromeliad. It continued going up & I figured I was up too high so I went left. You pass through the costata & suddenly hit barrata + goebeli under stuff. I took a few & hit 2 Thamnophis, under wood chips. I also cut ~ 10 bromeliads in the barrata-goebeli belt & got nothing. It was past 5 so I came back down - arrived ~ 6. After returning, it occured to me that I should have picked up

B. Shaffer
1977

Journal

Hotel Perez, Dept. San Marcos.

10 July. live series of both Pseuds to do feeding experiments w the Thamnophis in Chicago - I think I will do so the morning of the 12th.

Hotel Perez, Dept. San Marcos.

July We drove the top end of the coast road through the cloud forest down to Rubin's finca, at km. 264. This is supposed to be a good Chirop locality, & we need some for Lynn. We chopped bromeliads from km. 264 → 262, & got nothing. After an hour or 2 we gave up & went up higher to look for resplendens for Steve. Again no luck turning stuff or working road banks. Finally we decided to get 8 bromels & quebeli for feeding exp's. w the Thamnophis. We got about 20, & 15 of them died. All in all, a great morning. We returned to the hotel around 1:30, ate, & spent the rest of the day reading & preserving. At night we went back out to the coast road for resplendens. It was bone dry & the car was fading up. - absolutely no thing was out. We called it around 9 PM.

Hotel ? - Tecpán, Dept. San Marcos.

12 July. This morning I decided to make one last assault of the saddle in search of B. resplendens for Steve - this time working to the right as Wake had suggested. I left around 9 AM - got up top

B. Stufft
1977

Journal

Hotel, Tecpan, Dept. San Marcos?.

12 July

by 9:40. To the right the trail climbs & splits often basically staying along the ridge. I worked for a solid 2 hours, peeling bark, lopping branches, stumps, logs, stones, etc. - only got rostrata, & not in great abundance. I finally got a couple of Pseuds - maybe the Pseudocercyon sp. - inside a rotten log. Also, there were a lot of Scelyporus malachiticus, but I couldn't get a good series, so I released the one I caught. Then I decided to work back on the left of the saddle to get more brunnata + goebeli for feeding experiments. I worked the same trail, & at the same pile of wood chips where I got 2 Thamnophis before, I got 2 more. These were a mating pair - complete w/ 1 hemipenis inserted in the female. They stayed together for several hours - the spines on that guy really make him stick in her. I now had strong impetus to get more Pseuds. I got a few in a rotten log, then dropped down more into an open field. Here I only got rostrata! below where I had caught Pseuds. I figured I might as well grab a few for feeding exp's, (about a dozen) then went back to the saddle & down. We ate lunch at the hotel, then went back to the coast

B. Stauffer
1977

Journal

Hotel, Tecpán, Dept. San Marcos?

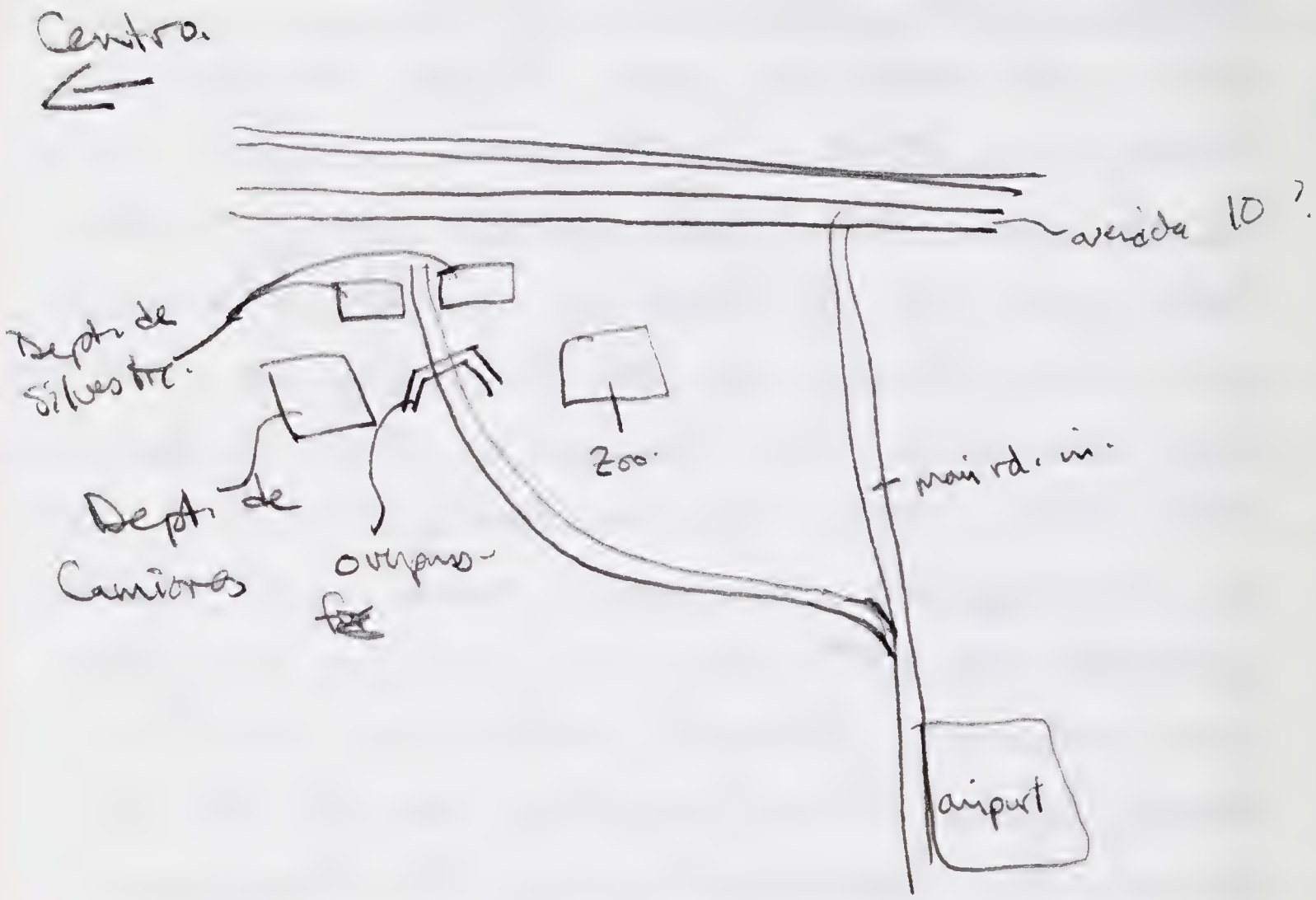
12 July

road in search of more Pseids. Working the clearings & trails by the road we got ~ 40 Pseuds, plus ~6 Elevtherodactylus greggi. Also Paul got 2 B. frankleini under stones. We were both tired, so we took off for Guatemala City. We left San Marcos ~ 4:30 on the inland road. After dark the car really started to fuck up. It appeared we were running just off the generator. the lights were very dim, & every time you use any kind of electrical unit (ie. brakes, lights, blinker) everything would die for a second. We decided it was too dangerous & so stopped in Tecpán. This town was demolished by the earthquake & is really in bad shape - a shanty town everywhere. We slept in the only hotel (2$/person/night), ate, & slept.

Airplane - Guatemala City → S.F. Calif.

13-14 July

This morning so much trouble we started the car & drove into Guatemala City. 1st stop - the airport. We changed my ticket to the 14th (no problem) then went to the Officina de Helfe de Silveste to get the export permit. This is very informal - basically get a 10¢ piece of official paper - available at any pharmacy, & write on it what you have, why, what University you are associated with (with some proof of this)


Centro.
avenida 10 ?.
Dept. de silvestre.
Dept. de Camiones
overpass
Zoo.
main rd. in.
airport

B. Shuffy
1977

Journal

Airplane - Guatemala City → S.F. Calif.

12 - 14 July

& thats about it. You then have the heffe sign it, & all is well. The office is very close to the airport. It's easy to do, so we decided to have it all signed in the morning. We then ~~returned~~ went to the city & got our hotel - (the name escapes me) at $5 /day, w 3 meals. We passed a Datsun dealer - so we pulled the starter & went down there by bus. As we were walking we passed an electrical system man - he checked it out & told us that the stationary coils were fucked - 11 $ to fix it by 3 in the afternoon. We left it & cruised the market. The main mercado fell down in the earthquake - all that remains is a big pit - so we hit the alternate one. Paul got a belt - I looked at some jades, but none of it was right. We returned for the starter, put it in the car, & bango, it still didn't work. Rolled it one more time & went to the starter man - it was a load terminal on the battery! One buck more, & it was free & clear. We also got a couple of grease seals for the front end; Paul will have them put on tomorrow (we have no engine hoist, alas!) We returned & did some cruising, then ate & packed up the animals - rebagged everything & checkclothed up everyone. I decided to take the big ice chest - its safer

B. Shyka
1977

Journal

Airplane - Guatemala City → S.F. Calif.

12-14 July

on the plane. We then caught a movie - "2 minute warning," not a bad flick, then crashed. In the morning we divided up the receipts, etc. & hit the airport around 9:AM. The flight left at 10:15 - so not too much time. Naturally, the Heffe was no where to be found, so we said screw it - & I checked in. 5 $ in airport fee & away we went - a minor hassle over the animals, Liquid Nitrogen, etc. occured. They insisted on checking everything, which was all packed away. We waited for a while, then the guy came out, put tags on everything, & put it on the plane. He even waived the excess weight, which amounted to about 40 $ - hell of a nice guy! We then cruised the shops a bit - bought some stogies & had a final cup of coffee & a goodbye smoke. It's funny - I missed the states so bad when I left - but the missing of home subsided, & now I hate to go. Oh well - I barely made the plane - they were already rolling away the gangplank - & now it's back to the states Adios!

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